



STIC Search Report

Biotech-Chem Library

STIC Database Tracking Number: 176375

TO: Ruixiang Li
Location: REM-4D75/4C70
Art Unit: 1646
Friday, January 13, 2006
Case Serial Number: 10/613413

From: Kristine Hensle
Location: Biotech-Chem Library
REM-1B69
Phone: (571) 272-4161

Kristine. Hensle@uspto.gov

Search Notes

Examiner Li,

See attached results.

If you have any questions about this search feel free to contact me at any time.

Thank you for using STIC search services!

Kristine Hensle
Librarian
STIC Biotech/Chem Library
(571)272-4161

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GenCore version 5.1.1.6
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OM protein - protein search, using sw model

Run on: January 13, 2006, 09:41:44 ; Search time 114 Seconds
(without alignments)
1187.515 Million cell updates/sec

Title: US-10-613-413B-8

Perfect score: 1717

Sequence: 1 MTPSPLLLLPLLLGAPP.....VLPTGDVMSRDPGSLNKPL 324

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1867569 seqs, 417829326 residues

Total number of hits satisfying chosen parameters: 1867569

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications AA Main:*

1: /cgn2_6/prodata/1/pubpaa/US07_PUBCOMB.pap.*
2: /cgn2_6/prodata/1/pubpaa/US08_PUBCOMB.pap.*
3: /cgn2_6/prodata/1/pubpaa/US09_PUBCOMB.pap.*
4: /cgn2_6/prodata/1/pubpaa/US10A_PUBCOMB.pap.*
5: /cgn2_6/prodata/1/pubpaa/US10B_PUBCOMB.pap.*
6: /cgn2_6/prodata/1/pubpaa/US11_PUBCOMB.pap.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query	Length	DB ID	Description
1	1717	100.0	324	5	US-10-885-225-8
2	1717	100.0	324	5	US-10-954-094-8
3	1707	99.4	357	4	US-10-613-413A-49
4	1707	99.4	357	5	US-10-885-225-49
5	1707	99.4	357	5	US-10-954-094-49
6	1707	99.4	472	3	US-09-815-108-5
7	1707	99.4	472	3	US-10-229-584-5
8	1707	99.4	504	3	US-09-758-386-2
9	1707	99.4	504	3	US-09-815-108-8
10	1707	99.4	504	3	US-09-815-108-15
11	1707	99.4	504	3	US-09-815-108-17
12	1707	99.4	504	3	US-09-815-108-19
13	1707	99.4	504	3	US-09-989-722-119
14	1707	99.4	504	3	US-09-989-723-119
15	1707	99.4	504	3	US-09-989-727-119
16	1707	99.4	504	3	US-09-989-727-119
17	1707	99.4	504	3	US-09-989-731-119
18	1707	99.4	504	3	US-09-989-732-119
19	1707	99.4	504	3	US-09-91-073-119
20	1707	99.4	504	3	US-09-980-442-119
21	1707	99.4	504	3	US-09-991-163-119
22	1707	99.4	504	3	US-09-993-604-119
23	1707	99.4	504	3	US-09-990-456-119
24	1707	99.4	504	3	US-09-989-721-119
25	1707	99.4	504	3	US-09-982-598-119
26	1707	99.4	504	3	US-09-989-293A-119
27	1707	99.4	504	3	US-09-989-735-119

ALIGNMENTS

RESULT 1

US-10-885-225-8

; Sequence 8, Application US/10885225

; Publication No. US20050009750A1

; GENERAL INFORMATION:

; APPLICANT: Sleeman, Matthew

; APPLICANT: Murison, J. Greg

; APPLICANT: Cao, Helen

; TITLE OF INVENTION: Fibroblast Growth Factor Receptors and Methods for Their Use

; FILE REFERENCE: 11000.1103

; CURRENT APPLICATION NUMBER: US/10/885,225

; CURRENT FILING DATE: 2004-07-06

; PRIOR APPLICATION NUMBER: U.S. 60/484,877

; PRIOR FILING DATE: 2003-07-03

; PRIOR APPLICATION NUMBER: U.S. 60/513,171

; PRIOR FILING DATE: 2003-10-20

; PRIOR APPLICATION NUMBER: U.S. 60/562,155

; PRIOR FILING DATE: 2004-04-04

; PRIOR APPLICATION NUMBER: U.S. 60/570,355

; PRIOR FILING DATE: 2004-05-12

; NUMBER OF SEQ ID NOS: 154

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 8

; LENGTH: 324

; TYPE: PRT

; ORGANISM: Human

US-10-885-225-8

Query Match 100.0%; Score 1717; DB 5; Length 324;

Best Local Similarity 100.0%; Pred. No. 1.1e-110; Indels 0; Gaps 0;

Matches 324; Conservative 0; Mismatches 0;

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Db	1	MTSP	LLLLLLLL	PLLILGAPP	AAAAAGPP	KMAKVVPRQV	ARIGRTVRL	QCPVEGDP	PL	60	
QY	61	TMWTK	GRTTHSG	WSRFRVL	PQGLKVKQ	VERDAGVYV	CKATNG	FGSLSVNY	TLVVLDDI	120	
Db	61	TMWTK	GRTTHSG	WSRFRVL	PQGLKVKQ	VERDAGVYV	CKATNG	FGSLSVNY	TLVVLDDI	120	
QY	121	SPKES	IGPDSS	SGGQED	PASQOAW	PRFTQPS	KMRRTV	IARVGVSS	VRLKCVASGH	PRP 180	
Db	121	SPKES	IGPDSS	SGGQED	PASQOAW	PRFTQPS	KMRRTV	IARVGVSS	VRLKCVASGH	PRP 180	
QY	181	DIYTMK	DQALTP	EAAPR	KKKWTLS	LKNLR	PEDSGKY	TCRVSNR	AGATNATVK	VDVIQ 240	
Db	181	DIYTMK	DQALTP	EAAPR	KKKWTLS	LKNLR	PEDSGKY	TCRVSNR	AGATNATVK	VDVIQ 240	
QY	241	RTSRK	PVLTG	THPNTT	VD	FGGTTTS	FQCKVRS	DKVPVQ	WLKREYVG	AEGRHNS	300

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Db 241 RTRSKPVLGTGTHPVNTTDFGTTTSFQCKVRSVDKVPVQIWLKRVYGAEGRHNSITIDVGG 300
Qy 301 QKFVVLPTGVDVWSRPDGSYLKPL 324
Db 301 QKFVVLPTGVDVWSRPDGSYLKPL 324

RESULT 2
US-10-954-094-8
; Sequence 8, Application US/10954094
; Publication No. US20050112642A1
; GENERAL INFORMATION:
; APPLICANT: Sleeman, Matthew
; APPLICANT: Murison, J. Greg
; APPLICANT: Cao, Zhihui
; TITLE OF INVENTION: Fibroblast Growth Factor Receptors and Methods for Their Use
; CURRENT APPLICATION NUMBER: US/10/954,094
; CURRENT FILING DATE: 2004-09-29
; PRIOR APPLICATION NUMBER: U.S. 10/157,444
; PRIOR FILING DATE: 2002-05-28
; PRIOR APPLICATION NUMBER: U.S. 10/613,413
; PRIOR FILING DATE: 2003-07-03
; PRIOR APPLICATION NUMBER: U.S. 60/484,877
; PRIOR FILING DATE: 2003-07-03
; PRIOR APPLICATION NUMBER: U.S. 60/513,171
; PRIOR FILING DATE: 2003-10-20
; PRIOR APPLICATION NUMBER: U.S. 60/562,155
; PRIOR FILING DATE: 2004-04-04
; PRIOR APPLICATION NUMBER: U.S. 60/570,355
; PRIOR FILING DATE: 2004-05-12
; PRIOR APPLICATION NUMBER: U.S. 10/885,225
; PRIOR FILING DATE: 2004-07-04
; NUMBER OF SEQ ID NOS: 163
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 324
; TYPE: PRT
; ORGANISM: Human
US-10-954-094-8

Query Match 100.08; Score 1717; DB 5; Length 324;
Best Local Similarity 100.08; Pred. No. 1.1e-110; Indels 0; Gaps 0;
Matches 324; Conservative 0; Mismatches 0;

Qy 1 MTPSPLLLLLPPLLLGAFPPAAARPPKADKVPVQVRLGRTVRLQCPVEGDPPL 60
Db 1 MTPSPLLLLLPPLLLGAFPPAAARPPKADKVPVQVRLGRTVRLQCPVEGDPPL 60
Qy 61 TMWTKDGRTHSGWSRFRVLPGQLKVKQVEREDAGVYVCKATNGFGSLSVNYTLVLLDDI 120
Db 61 TMWTKDGRTHSGWSRFRVLPGQLKVKQVEREDAGVYVCKATNGFGSLSVNYTLVLLDDI 120
Qy 121 SPGESLGPSSSGQEDPASQOWARPRFTQPSKMRVRIARPVGSSVRLKCVASGHPRP 180
Db 121 SPGESLGPSSSGQEDPASQOWARPRFTQPSKMRVRIARPVGSSVRLKCVASGHPRP 180
Qy 181 DITWTKDDQALTRPEAAEPRKKWTLNLRPEDSGKYTCRVSNRAGAINATYKVDVIQ 240
Db 181 DITWTKDDQALTRPEAAEPRKKWTLNLRPEDSGKYTCRVSNRAGAINATYKVDVIQ 240
Qy 241 RTRSKPVLGTGTHPVNTTDFGTTTSFQCKVRSVDKVPVQIWLKRVYGAEGRHNSITIDVGG 300
Db 241 RTRSKPVLGTGTHPVNTTDFGTTTSFQCKVRSVDKVPVQIWLKRVYGAEGRHNSITIDVGG 300
Qy 301 QKFVVLPTGVDVWSRPDGSYLKPL 324
Db 301 QKFVVLPTGVDVWSRPDGSYLKPL 324

RESULT 3
US-10-613-413A-49
; Sequence 49, Application US/10613413A

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; Publication No. US20040058849A1
; GENERAL INFORMATION:
; APPLICANT: Sleeman, Matthew
; APPLICANT: Murison, Greg
; TITLE OF INVENTION: Fibroblast Growth Factor Receptors and Methods for Their Use
; FILE REFERENCE: 11000.1037c5
; CURRENT APPLICATION NUMBER: US/10/613,413A
; CURRENT FILING DATE: 2003-07-03
; PRIOR APPLICATION NUMBER: U.S. 09/823,038
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: U.S. 09/383,586
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: U.S. 09/276,268
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: PCT/NZ00/00015
; PRIOR FILING DATE: 2000-02-18
; PRIOR APPLICATION NUMBER: U.S. 60/221,216
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: U.S. 10/157,444
; PRIOR FILING DATE: 2000-05-28
; PRIOR APPLICATION NUMBER: PCT/NZ03/00105
; PRIOR FILING DATE: 2003-05-27
; NUMBER OF SEQ ID NOS: 145
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 49
; LENGTH: 357
; TYPE: PRT
; ORGANISM: Human
US-10-613-413A-49

Query Match 99.48; Score 1707; DB 4; Length 357;
Best Local Similarity 99.78; Pred. No. 6.3e-110; Indels 0; Gaps 0;
Matches 323; Conservative 0; Mismatches 1;

Qy 1 MTPSPLLLLLPPLLLGAFPPAAARPPKADKVPVQVRLGRTVRLQCPVEGDPPL 60
Db 1 MTPSPLLLLLPPLLLGAFPPAAARPPKADKVPVQVRLGRTVRLQCPVEGDPPL 60
Qy 61 TMWTKDGRTHSGWSRFRVLPGQLKVKQVEREDAGVYVCKATNGFGSLSVNYTLVLLDDI 120
Db 61 TMWTKDGRTHSGWSRFRVLPGQLKVKQVEREDAGVYVCKATNGFGSLSVNYTLVLLDDI 120
Qy 121 SPGESLGPSSSGQEDPASQOWARPRFTQPSKMRVRIARPVGSSVRLKCVASGHPRP 180
Db 121 SPGESLGPSSSGQEDPASQOWARPRFTQPSKMRVRIARPVGSSVRLKCVASGHPRP 180
Qy 181 DITWTKDDQALTRPEAAEPRKKWTLNLRPEDSGKYTCRVSNRAGAINATYKVDVIQ 240
Db 181 DITWTKDDQALTRPEAAEPRKKWTLNLRPEDSGKYTCRVSNRAGAINATYKVDVIQ 240
Qy 241 RTRSKPVLGTGTHPVNTTDFGTTTSFQCKVRSVDKVPVQIWLKRVYGAEGRHNSITIDVGG 300
Db 241 RTRSKPVLGTGTHPVNTTDFGTTTSFQCKVRSVDKVPVQIWLKRVYGAEGRHNSITIDVGG 300
Qy 301 QKFVVLPTGVDVWSRPDGSYLKPL 324
Db 301 QKFVVLPTGVDVWSRPDGSYLKPL 324

RESULT 4
US-10-885-225-49
; Sequence 49, Application US/10885225
; Publication No. US20050009750A1
; GENERAL INFORMATION:
; APPLICANT: Sleeman, Matthew
; APPLICANT: Murison, J. Greg
; APPLICANT: Cao, Helen
; TITLE OF INVENTION: Fibroblast Growth Factor Receptors and Methods for Their Use
; FILE REFERENCE: 11000.1103
; CURRENT APPLICATION NUMBER: US/10/885,225
; CURRENT FILING DATE: 2004-07-06
; PRIOR APPLICATION NUMBER: U.S. 60/484,877
; PRIOR FILING DATE: 2003-07-03

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; PRIOR APPLICATION NUMBER: U.S. 60/513,171
; PRIOR FILING DATE: 2003-10-20
; PRIOR APPLICATION NUMBER: U.S. 60/562,155
; PRIOR FILING DATE: 2004-04-04
; PRIOR APPLICATION NUMBER: U.S. 60/570,355
; PRIOR FILING DATE: 2004-05-12
; NUMBER OF SEQ ID NOS: 154
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 49
; LENGTH: 357
; TYPE: PRT
; ORGANISM: Human
US-10-885-225-49

Query Match          99.4%; Score 1707; DB 5; Length 357;
Best Local Similarity 99.7%; Pred. No. 6.3e-110;
Matches 323; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MTPSPLLLLLPPLLLGAFPPAAAARGPPKADKVVPRQVARGLGRVRLQCPVEGDPPL 60
Db 1 MTPSPLLLLLPPLLLGAFPPAAAARGPPKADKVVPRQVARGLGRVRLQCPVEGDPPL 60
QY 61 TMTWKDGRTHSGWSRFRVLPGQLKVKQVEREDAGVYVCKATNGFGLSVNNTLVLLDDI 120
Db 61 TMTWKDGRTHSGWSRFRVLPGQLKVKQVEREDAGVYVCKATNGFGLSVNNTLVLLDDI 120
QY 121 SPKESLGPDSGGQEDPASQOWARPRFTQPSKMRRIARPVGSSVRLKCVASGHPRP 180
Db 121 SPKESLGPDSGGQEDPASQOWARPRFTQPSKMRRIARPVGSSVRLKCVASGHPRP 180
QY 181 DTWMKDDQALTRPEAAEPKCKWTLSLKNLRPEDSGKTCRVSNRAGAINATYKVDVIQ 240
Db 181 DTWMKDDQALTRPEAAEPKCKWTLSLKNLRPEDSGKTCRVSNRAGAINATYKVDVIQ 240
QY 241 RTRSKPVLGTGHPVNTTVDGTTSFQCKVRSVDKVPVQWLKRVYGAEGRHNSITDVG 300
Db 241 RTRSKPVLGTGHPVNTTVDGTTSFQCKVRSVDKVPVQWLKRVYGAEGRHNSITDVG 300
QY 301 QKFWVLPTGDVWSRDPGSLNKL 324
Db 301 QKFWVLPTGDVWSRDPGSLNKL 324

RESULT 5
US-10-954-094-49
; Sequence 49, Application US/10954094
; Publication No. US20050112642A1
; GENERAL INFORMATION:
; APPLICANT: Sleeman, Matthew
; APPLICANT: Murison, J. Greg
; TITLE OF INVENTION: Fibroblast Growth Factor Receptors and Methods for Their Use
; FILE REFERENCE: 11000.1037c8
; CURRENT APPLICATION NUMBER: US/10/954,094
; CURRENT FILING DATE: 2004-09-29
; PRIOR APPLICATION NUMBER: U.S. 10/157,444
; PRIOR FILING DATE: 2002-05-28
; PRIOR APPLICATION NUMBER: U.S. 10/613,413
; PRIOR FILING DATE: 2003-07-03
; PRIOR APPLICATION NUMBER: U.S. 60/484,877
; PRIOR FILING DATE: 2003-07-03
; PRIOR APPLICATION NUMBER: U.S. 60/513,171
; PRIOR FILING DATE: 2003-10-20
; PRIOR APPLICATION NUMBER: U.S. 60/562,155
; PRIOR FILING DATE: 2004-04-04
; PRIOR APPLICATION NUMBER: U.S. 60/570,355
; PRIOR FILING DATE: 2004-05-12
; PRIOR APPLICATION NUMBER: U.S. 10/885,225
; PRIOR FILING DATE: 2004-07-04
; NUMBER OF SEQ ID NOS: 163
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 49
; LENGTH: 357
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; TYPE: PRT
; ORGANISM: Human
US-10-954-094-49

Query Match          99.4%; Score 1707; DB 5; Length 357;
Best Local Similarity 99.7%; Pred. No. 6.3e-110;
Matches 323; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MTPSPLLLLLPPLLLGAFPPAAAARGPPKADKVVPRQVARGLGRVRLQCPVEGDPPL 60
Db 1 MTPSPLLLLLPPLLLGAFPPAAAARGPPKADKVVPRQVARGLGRVRLQCPVEGDPPL 60
QY 61 TMTWKDGRTHSGWSRFRVLPGQLKVKQVEREDAGVYVCKATNGFGLSVNNTLVLLDDI 120
Db 61 TMTWKDGRTHSGWSRFRVLPGQLKVKQVEREDAGVYVCKATNGFGLSVNNTLVLLDDI 120
QY 121 SPKESLGPDSGGQEDPASQOWARPRFTQPSKMRRIARPVGSSVRLKCVASGHPRP 180
Db 121 SPKESLGPDSGGQEDPASQOWARPRFTQPSKMRRIARPVGSSVRLKCVASGHPRP 180
QY 181 DTWMKDDQALTRPEAAEPKCKWTLSLKNLRPEDSGKTCRVSNRAGAINATYKVDVIQ 240
Db 181 DTWMKDDQALTRPEAAEPKCKWTLSLKNLRPEDSGKTCRVSNRAGAINATYKVDVIQ 240
QY 241 RTRSKPVLGTGHPVNTTVDGTTSFQCKVRSVDKVPVQWLKRVYGAEGRHNSITDVG 300
Db 241 RTRSKPVLGTGHPVNTTVDGTTSFQCKVRSVDKVPVQWLKRVYGAEGRHNSITDVG 300
QY 301 QKFWVLPTGDVWSRDPGSLNKL 324
Db 301 QKFWVLPTGDVWSRDPGSLNKL 324

RESULT 6
US-09-815-108-5
; Sequence 5, Application US/09815108
; Patent No. US20020009776A1
; GENERAL INFORMATION:
; APPLICANT: Saris, Christiaan M.
; APPLICANT: Sharon, Mu X.
; APPLICANT: Xia, Min
; APPLICANT: Boone, Thomas Charles
; APPLICANT: Covey, Todd
; TITLE OF INVENTION: Fibroblast Growth Factor Receptor-Like Molecules and
; FILE REFERENCE: 99-513-A
; CURRENT APPLICATION NUMBER: US/09/815,108
; CURRENT FILING DATE: 2001-03-22
; PRIOR APPLICATION NUMBER: 60/191,379
; PRIOR FILING DATE: 2000-03-22
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 5
; LENGTH: 472
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-815-108-5

Query Match          99.4%; Score 1707; DB 3; Length 472;
Best Local Similarity 99.7%; Pred. No. 8.5e-110;
Matches 323; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MTPSPLLLLLPPLLLGAFPPAAAARGPPKADKVVPRQVARGLGRVRLQCPVEGDPPL 60
Db 1 MTPSPLLLLLPPLLLGAFPPAAAARGPPKADKVVPRQVARGLGRVRLQCPVEGDPPL 60
QY 61 TMTWKDGRTHSGWSRFRVLPGQLKVKQVEREDAGVYVCKATNGFGLSVNNTLVLLDDI 120
Db 61 TMTWKDGRTHSGWSRFRVLPGQLKVKQVEREDAGVYVCKATNGFGLSVNNTLVLLDDI 120
QY 121 SPKESLGPDSGGQEDPASQOWARPRFTQPSKMRRIARPVGSSVRLKCVASGHPRP 180
Db 121 SPKESLGPDSGGQEDPASQOWARPRFTQPSKMRRIARPVGSSVRLKCVASGHPRP 180
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Qy	241	RTRSKPVLGTGHPVNTTVDFGGTTSFQCKVRSDDVKPVIQWLKRVEYGAEGRHNSTIDVGG	300
Db	241	RTRSKPVLGTGHPVNTTVDFGGTTSFQCKVRSDDVKPVIQWLKRVEYGAEGRHNSTIDVGG	300
Qy	301	QKFFVVLPTGDVMSRPDGSYLNKPL	324
Db	301	QKFFVVLPTGDVMSRPDGSYLNKLL	324
RESULT 7			
US-10-229-584-5			
; Sequence 5, Application US/10229584			
; Publication No. US20030087384A1			
; GENERAL INFORMATION:			
; APPLICANT: Saris, Christiaan M.			
; APPLICANT: Xia, Min			
; TITLE OF INVENTION: Fibroblast Growth Factor Receptor-Like Molecules and			
; FILE REFERENCE: 99-513-F			
; CURRENT APPLICATION NUMBER: US/10/229,584			
; CURRENT FILING DATE: 2002-08-28			
; PRIOR APPLICATION NUMBER: 09/815,108			
; PRIOR FILING DATE: 2001-03-22			
; PRIOR APPLICATION NUMBER: 60/191,379			
; PRIOR FILING DATE: 2000-03-22			
; NUMBER OF SEQ ID NOS: 22			
; SOFTWARE: Patent In Ver. 2.0			
; SEQ ID NO 5			
; LENGTH: 472			
; TYPE: PRT			
; ORGANISM: Homo sapiens			
US-10-229-584-5			
Query Match 99.4%; Score 1707; DB 4; Length 472;			
Best Local Similarity 99.7%; Pred. No. 8.5e-110;			
Matches 323; Conservative 0; Mismatches 1; Indels 0; Gaps 0			
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Db	1	MTSPSILLILLPPLLILGAFPAAAAAGPPKMAKKVPRQVARLGRVTLQCPVEGDPPPL	60
Qy	61	TWTKDGRTHSGWSRPVLPGQLKVKQVEREDAGVVCATNGFGSLSNYNTLVLLDDI	120
Db	61	TWTKDGRTHSGWSRFRVLPGQLKVKQVEREDAGVVCATNGFGSLSNYNTLVLLDDI	120
Qy	121	SPGKESLGPDSGGQEDPASQWARPRFTQPSXMRERVIARPVGSSVRLKCVASGHPRP	180
Db	121	SPGKESLGPDSGGQEDPASQWARPRFTQPSXMRERVIARPVGSSVRLKCVASGHPRP	180
Qy	181	DI TWMKDQALTRPEAAAPRKKKWTLSLKNLRPDSGKYTCRVSNRAGAINATYKVDVITQ	240
Db	181	DI TWMKDQALTRPEAAAPRKKKWTLSLKNLRPDSGKYTCRVSNRAGAINATYKVDVITQ	240
Qy	241	RTRSKPVLGTGHPVNTTVDFGGTTSFQCKVRSDDVKPVIQWLKRVEYGAEGRHNSTIDVGG	300
Db	241	RTRSKPVLGTGHPVNTTVDFGGTTSFQCKVRSDDVKPVIQWLKRVEYGAEGRHNSTIDVGG	300
Qy	301	QKFFVVLPTGDVMSRPDGSYLNKPL	324
Db	301	QKFFVVLPTGDVMSRPDGSYLNKLL	324

Query Match 99.4%; Score 1707; DB 3; Length 504;
Best Local Similarity 99.7%; Pred. No. 9.2e-110; Indels 0; Gaps 0;
Matches 323; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MTPSPLLLLPPLLLGAPPPAAAARGPPKMAADKVPVQVARGLGRVRLQCPVEGDPPL 60
DB 1 MTPSPLLLLPPLLLGAPPPAAAARGPPKMAADKVPVQVARGLGRVRLQCPVEGDPPL 60

QY 61 TMTWKDGRTHSGWSRFRVLPQGLKVKQVEREDAGVYVCKATNGFSGLSVNYTLVLLDDI 120
DB 61 TMTWKDGRTHSGWSRFRVLPQGLKVKQVEREDAGVYVCKATNGFSGLSVNYTLVLLDDI 120

QY 121 SPKESLGPDSGGQEDPASQWARPRFTQPSKMRRIARVPVGSVRLKCVASGHPRP 180
DB 121 SPKESLGPDSGGQEDPASQWARPRFTQPSKMRRIARVPVGSVRLKCVASGHPRP 180

QY 181 DITWMKDDQALTRPEAAEPRKKKWTLSLKNLRPEDSGKTCRVSNRAGAINATYKVDVIQ 240
DB 181 DITWMKDDQALTRPEAAEPRKKKWTLSLKNLRPEDSGKTCRVSNRAGAINATYKVDVIQ 240

QY 241 RTRSKPVLGTGHPVNTTVDGTTTSFQCKVRSVDKVPVQVARGLGRVRLQCPVEGDPPL 300
DB 241 RTRSKPVLGTGHPVNTTVDGTTTSFQCKVRSVDKVPVQVARGLGRVRLQCPVEGDPPL 300

QY 301 QKFVVLPTGDVMSRPDGSYLKPL 324
DB 301 QKFVVLPTGDVMSRPDGSYLKPL 324

RESULT 10
US-09-815-108-15
; Sequence 15, Application US/09815108
; Patent No. US20020009776A1
; GENERAL INFORMATION:
; APPLICANT: Saris, Christiaan M.
; APPLICANT: Sharon, Mu X.
; APPLICANT: Xia, Min
; APPLICANT: Boone, Thomas Charles
; APPLICANT: Covey, Todd
; TITLE OF INVENTION: Fibroblast Growth Factor Receptor-Like Molecules and
; TITLE OF INVENTION: Uses Thereof
; FILE REFERENCE: 99-513-A
; CURRENT APPLICATION NUMBER: US/09/815,108
; PRIOR FILING DATE: 2001-03-22
; PRIOR FILING DATE: 2000-03-22
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 15
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-815-108-15

Query Match 99.4%; Score 1707; DB 3; Length 504;
Best Local Similarity 99.7%; Pred. No. 9.2e-110; Indels 0; Gaps 0;
Matches 323; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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DB 1 MTPSPLLLLPPLLLGAPPPAAAARGPPKMAADKVPVQVARGLGRVRLQCPVEGDPPL 60

QY 61 TMTWKDGRTHSGWSRFRVLPQGLKVKQVEREDAGVYVCKATNGFSGLSVNYTLVLLDDI 120
DB 61 TMTWKDGRTHSGWSRFRVLPQGLKVKQVEREDAGVYVCKATNGFSGLSVNYTLVLLDDI 120

QY 121 SPKESLGPDSGGQEDPASQWARPRFTQPSKMRRIARVPVGSVRLKCVASGHPRP 180
DB 121 SPKESLGPDSGGQEDPASQWARPRFTQPSKMRRIARVPVGSVRLKCVASGHPRP 180

QY 181 DITWMKDDQALTRPEAAEPRKKKWTLSLKNLRPEDSGKTCRVSNRAGAINATYKVDVIQ 240
DB 181 DITWMKDDQALTRPEAAEPRKKKWTLSLKNLRPEDSGKTCRVSNRAGAINATYKVDVIQ 240

DB 181 DITWMKDDQALTRPEAAEPRKKKWTLSLKNLRPEDSGKTCRVSNRAGAINATYKVDVIQ 240
QY 241 RTRSKPVLGTGHPVNTTVDGTTTSFQCKVRSVDKVPVQVARGLGRVRLQCPVEGDPPL 300
DB 241 RTRSKPVLGTGHPVNTTVDGTTTSFQCKVRSVDKVPVQVARGLGRVRLQCPVEGDPPL 300

QY 301 QKFVVLPTGDVMSRPDGSYLKPL 324
DB 301 QKFVVLPTGDVMSRPDGSYLKPL 324

RESULT 11
US-09-815-108-17
; Sequence 17, Application US/09815108
; Patent No. US20020009776A1
; GENERAL INFORMATION:
; APPLICANT: Saris, Christiaan M.
; APPLICANT: Sharon, Mu X.
; APPLICANT: Xia, Min
; APPLICANT: Boone, Thomas Charles
; APPLICANT: Covey, Todd
; TITLE OF INVENTION: Fibroblast Growth Factor Receptor-Like Molecules and
; TITLE OF INVENTION: Uses Thereof
; FILE REFERENCE: 99-513-A
; CURRENT APPLICATION NUMBER: US/09/815,108
; PRIOR FILING DATE: 2001-03-22
; PRIOR FILING DATE: 2000-03-22
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 17
; LENGTH: 504
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-815-108-17

Query Match 99.4%; Score 1707; DB 3; Length 504;
Best Local Similarity 99.7%; Pred. No. 9.2e-110; Indels 0; Gaps 0;
Matches 323; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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DB 61 TMTWKDGRTHSGWSRFRVLPQGLKVKQVEREDAGVYVCKATNGFSGLSVNYTLVLLDDI 120

QY 121 SPKESLGPDSGGQEDPASQWARPRFTQPSKMRRIARVPVGSVRLKCVASGHPRP 180
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QY 181 DITWMKDDQALTRPEAAEPRKKKWTLSLKNLRPEDSGKTCRVSNRAGAINATYKVDVIQ 240
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QY 241 RTRSKPVLGTGHPVNTTVDGTTTSFQCKVRSVDKVPVQVARGLGRVRLQCPVEGDPPL 300
DB 241 RTRSKPVLGTGHPVNTTVDGTTTSFQCKVRSVDKVPVQVARGLGRVRLQCPVEGDPPL 300

QY 301 QKFVVLPTGDVMSRPDGSYLKPL 324
DB 301 QKFVVLPTGDVMSRPDGSYLKPL 324

RESULT 12
US-09-815-108-19
; Sequence 19, Application US/09815108
; Patent No. US20020009776A1
; GENERAL INFORMATION:
; APPLICANT: Saris, Christiaan M.
; APPLICANT: Sharon, Mu X.
; APPLICANT: Xia, Min

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; APPLICANT: Boone, Thomas Charles
; APPLICANT: Corey, Todd
; TITLE OF INVENTION: Fibroblast Growth Factor Receptor-Like Molecules and
; FILE REFERENCE: 99-513-A
; CURRENT APPLICATION NUMBER: US/09/815,108
; PRIOR FILING DATE: 2001-03-22
; PRIOR APPLICATION NUMBER: 60/191,379
; PRIOR FILING DATE: 2000-03-22
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 19
; LENGTH: 504
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-815-108-19

Query Match          99.4%; Score 1707; DB 3; Length 504;
Best Local Similarity 99.7%; Pred. No. 9,2e-110;
Matches 323; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 MTPSPLLLLLLPPLLGGAPPPAAARGPPKQADKVPVPRQVARLGRVRLQCPVEGDPPL 60
Db 1 MTPSPLLLLLLPPLLGGAPPPAAARGPPKQADKVPVPRQVARLGRVRLQCPVEGDPPL 60

Qy 61 TMTWKDGRTHSGSRFRLVPGQLKVKQVEREDAGVYVCKATNGFGSLSVNYYTLWLDDI 120
Db 61 TMTWKDGRTHSGSRFRLVPGQLKVKQVEREDAGVYVCKATNGFGSLSVNYYTLWLDDI 120

Qy 121 SPGKESLGPDSSGGQEDPASQWARPRFTQPSKMRRIARPVGSSVRLKCVASGHPRP 180
Db 121 SPGKESLGPDSSGGQEDPASQWARPRFTQPSKMRRIARPVGSSVRLKCVASGHPRP 180

Qy 181 DITWMDQALTRPEAAEPKPKKWTLSLKNLRPEDSGKYTCRVSNRAGAINATYKVDVIQ 240
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Qy 241 RTRSKPVLGTHTPVNTTVDGTTSTFQCKVRSQDKVPVQWLKRVYGAEGRHNSITIDVG 300
Db 241 RTRSKPVLGTHTPVNTTVDGTTSTFQCKVRSQDKVPVQWLKRVYGAEGRHNSITIDVG 300

Qy 301 QKFVVLPTGVDWSRDPGSLYNKPL 324
Db 301 QKFVVLPTGVDWSRDPGSLYNKLL 324

RESULT 13
US-09-989-722-119
; Sequence 119, Application US/09989722
; Patent No. US20020072067A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas P.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
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;; PRIOR APPLICATION NUMBER: 60/088858
;; PRIOR FILING DATE: 1998-06-11
;; PRIOR APPLICATION NUMBER: 60/088861
;; PRIOR FILING DATE: 1998-06-11
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;; PRIOR FILING DATE: 1998-07-02
;; PRIOR APPLICATION NUMBER: 60/091978
;; PRIOR FILING DATE: 1998-07-07
;; PRIOR APPLICATION NUMBER: 60/091982
;; PRIOR FILING DATE: 1998-07-07
;; PRIOR APPLICATION NUMBER: 60/092182
;; PRIOR FILING DATE: 1998-07-09

Query Match 99.4%; Score 1707; DB 3; Length 504;
Best Local Similarity 99.7%; Pred. No. 9.2e-110;
Matches 323; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MTPSPILLLLLPPLILGAPPPAAAAAGPPKADKVVPRQVRLGRTVRLQCPVEGDPPL 60
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DB 121 SPGESLGPDSGGQEDPASQOWARPRFTQPSKMRRIARVPVSSVRLKCVASGHRP 180
QY 181 DITWMDQALTRPEAAEPRKKKWTLSLKNLPEDSGKTCVSNPAGAINATYKVDVIQ 240
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DB 241 RTRSKPVLGTGHPVNTTVDFTGTTSFQCKVRSDVKPVIQWLKRVYGAEGRHNSTIDVG 300
QY 301 QKFVVLPTGDMVSRPDGSYINKPL 324
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RESULT 14
US-09-989-723-119
; Sequence 119, Application US/09989723
; Patent No. US2002007209A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Nagier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2730PlC62
CURRENT APPLICATION NUMBER: US/09/989,723
CURRENT FILING DATE: 2001-11-19
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
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;; PRIOR APPLICATION NUMBER: 60/091978
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;; PRIOR FILING DATE: 1998-07-07
;; PRIOR APPLICATION NUMBER: 60/092182
;; PRIOR FILING DATE: 1998-07-09

Query Match 99.4%; Score 1707; DB 3; Length 504;
Best Local Similarity 99.7%; Pred. No. 9.2e-110;
Matches 323; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MTPSPILLLLPPLLLGAPPPAAARGPPKADKVPVQVARIKGRVRLQCPVGGPPPL 60
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DB 241 RTRSKPVLGTGHPVNTVDFGGTTSQCKVRSVDPKVIQWLKRVFVGAEGRHNTSIDVGG 300

QY 301 QKFWLPTGDVRSRPPGSLNKL 324
DB 301 QKFWLPTGDVRSRPPGSLNKL 324

US-09-989-279-119
; Sequence 119, Application US/09989279
; Patent No. US20020072496A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
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; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
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; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730PLC56
; CURRENT APPLICATION NUMBER: US/09/989,279
; CURRENT FILING DATE: 2001-11-19
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;; PRIOR APPLICATION NUMBER: 60/091982
;; PRIOR FILING DATE: 1998-07-07
;; PRIOR APPLICATION NUMBER: 60/092182
;; PRIOR FILING DATE: 1998-07-09

Query Match 99.4%; Score 1707; DB 3; Length 504;

Best Local Similarity 99.7%; Pred. No. 9.2e-110;

Matches 323; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Db 1 MTPSPLLLLLLPLLLLGAFPPAAARGPPKWKADKVVPRQVARLGRTVRLQCPVSGDPPPL 60
Qy 61 TWTWKDGRTHSGWSRFRVLPQGLKVKQVEREDAGVVVCKATNGFGSLSVNYTLVLLDDI 120
Db 61 TWTWKDGRTHSGWSRFRVLPQGLKVKQVEREDAGVVVCKATNGFGSLSVNYTLVLLDDI 120
Qy 121 SPGKESLGPDSGSGQEDPASQQWARPRFTQPSKORRVRTARPVGSSVRLKCVASGHRP 180
Db 121 SPGKESLGPDSGSGQEDPASQQWARPRFTQPSKORRVRTARPVGSSVRLKCVASGHRP 180
Qy 181 DITWMDQALTRPEAAEPRKKKWTLSLKNLRPDSGKYTCRVSNNRAGAINATYKVDVIQ 240

Db	181	DIWKKDQALTRPEAEPRKKWTLSLKNLPEDSGKYTCRVSNRAGAINATYKVDVIQ	240
Qy	241	RTRSKPVLGTGTHPVNTTVDGTTSFQCKVRSDVKPVIQWLKRVEYGAGGRHNSTIDVGG	300
Db	241	RTRSKPVLGTGTHPVNTTVDGTTSFQCKVRSDVKPVIQWLKRVEYGAGGRHNSTIDVGG	300
Qy	301	QKFVVLPTGCVWSRDPDGSYLNKPL	324
Db	301	QKFVVLPTGCVWSRDPDGSYLNKLL	324

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Job time : 116 secs

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GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: January 13, 2006, 09:38:49 ; Search time 24 Seconds
(without alignment)
1116.122 Million cell updates/sec

Title: US-10-613-413B-8
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Searched: 572060 seqs, 82675679 residues

Total number of hits satisfying chosen parameters: 572060

Minimum DB seq length: 0
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Post-processing: Minimum Match 0%
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Listing first 45 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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4	1707	99.4	504	2	US-09-997-333-119
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6	1707	99.4	511	2	US-09-949-016-10054
7	1560	90.9	373	2	US-09-823-038A-60
8	1560	90.9	529	2	US-09-383-586-31
9	1560	90.9	529	2	US-09-823-038A-31
10	1458	84.9	322	2	US-09-383-586-33
11	1458	84.9	322	2	US-09-823-038A-33
12	1035.5	60.3	439	2	US-09-383-586-32
13	1035.5	60.3	439	2	US-09-823-038A-32
14	408.5	23.8	801	2	US-09-383-630-6
15	393	22.9	795	2	US-09-949-016-7119
16	393	22.9	806	2	US-09-383-630-3
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35	371.5	21.6	622	2	US-09-499-846-2	Sequence 2, Appl
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ALIGNMENTS

RESULT 1

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; Sequence 7020, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
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; ORGANISM: Human
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57 PRIOR APPLICATION NUMBER: 60/091982
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59 PRIOR APPLICATION NUMBER: 60/092182
60 PRIOR FILING DATE: 1998-07-09

Query Match 99.4%; Score 1707; DB 2; Length 504;
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DB 1 MTPSPILLILLPLLLGAPFAAARGGPKWADKVVPRQVRLGRVTLQCPVEGGPPPL 60
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DB 61 TMTWKDRTTHSGWSRFRVLPOGLKVKQVERDAGVVVCKATNGFGSLSVNYTLVLVLDI 120

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DB 181 DITWKKDDQALTRPEAAEPKKKWTLSIKNLRPDSGKYTCRVSNRAGAINATYKVDVIQ 240
QY 241 RTRSKPVLGTGHPVNTTVDGTTSFQCKVRSYDVKPVIQWLKRVEYGAEGRHNSITIDVGG 300
DB 241 RTRSKPVLGTGHPVNTTVDGTTSFQCKVRSYDVKPVIQWLKRVEYGAEGRHNSITIDVGG 300
QY 301 QKFVVLPTGDVWSRDPGSLYNKPL 324
DB 301 QKFVVLPTGDVWSRDPGSLYNKLL 324

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; Sequence 119, Application US/09990444
; Patent No. 6930170
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730PIC19
; CURRENT APPLICATION NUMBER: US/09/990,444
; PRIOR FILING DATE: 2001-11-14
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; PRIOR FILING DATE: 1998-06-02

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Query Match 99.4%; Score 1707; DB 2; Length 504;
Best Local Similarity 99.7%; Pred. No. 2.6e-148;
Matches 323; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MTPSPLLLLPPLLLGAPPPAAAARGPPKMAKVVPRQVRLGRTVRLQCPVEGDDPPL 60
Db 1 MTPSPLLLLPPLLLGAPPPAAAARGPPKMAKVVPRQVRLGRTVRLQCPVEGDDPPL 60

QY 61 TWTWKGRTIHSGWGRFVLPQGLKVKQVEREDAGVYVCKATNGFGSLSVNVTLLVLDI 120
Db 61 TWTWKGRTIHSGWGRFVLPQGLKVKQVEREDAGVYVCKATNGFGSLSVNVTLLVLDI 120

QY 121 SPKESLGPDSGGQEDPASQWARPRTQPSKRRRVIARPPVGVSSVRLKCVASGHRP 180
Db 121 SPKESLGPDSGGQEDPASQWARPRTQPSKRRRVIARPPVGVSSVRLKCVASGHRP 180

QY 181 DITWKKDQALTRPAAERPKKKWTLNKLNPEDSGKTCRVSNRAGAINATYKVDVIQ 240
Db 181 DITWKKDQALTRPAAERPKKKWTLNKLNPEDSGKTCRVSNRAGAINATYKVDVIQ 240

QY 241 RTRSPVLGTGHPVNTVDFGTTSFQCKVRSDVKPVIQWLKRVYGAEGRHNSIDVGG 300
Db 241 RTRSPVLGTGHPVNTVDFGTTSFQCKVRSDVKPVIQWLKRVYGAEGRHNSIDVGG 300

QY 301 QKFVVLPTGVDVMSRDPGSLNKL 324
Db 301 QKFVVLPTGVDVMSRDPGSLNKL 324

RESULT 4
US-09-997-333-119
; Sequence 119, Application US/09997333
; Patent No. 6953836
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hangpeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730P1C27
; CURRENT APPLICATION NUMBER: US/09/997,333
; CURRENT FILING DATE: 2001-11-15
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
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; PRIOR APPLICATION NUMBER: 60/066770

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1 TITLE OF INVENTION: Acids Encoding the Same
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3 FILE REFERENCE: P2730PIC20
4 CURRENT APPLICATION NUMBER: US/09/992,598
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6 CURRENT FILING DATE: 2001-11-14
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8 PRIOR APPLICATION NUMBER: 60/049787
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;; PRIOR FILING DATE: 1998-07-02
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;; PRIOR FILING DATE: 1998-07-02
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;; PRIOR FILING DATE: 1998-07-02
;; PRIOR APPLICATION NUMBER: 60/091978
;; PRIOR FILING DATE: 1998-07-07
;; PRIOR APPLICATION NUMBER: 60/091982
;; PRIOR FILING DATE: 1998-07-07
;; PRIOR APPLICATION NUMBER: 60/092182
;; PRIOR FILING DATE: 1998-07-09

Query Match 99.4%; Score 1707; DB 2; Length 504;
Best Local Similarity 99.7%; Pred. No. 2.6e-148;
Matches 323; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 1 MTPSPDLLLLPPLLLGAFPPAAARPPKADKVVPRQVARLGRVTLRQCPVEGDDPPL 60
Db 1 MTPSPDLLLLPPLLLGAFPPAAARPPKADKVVPRQVARLGRVTLRQCPVEGDDPPL 60
Qy 61 TMTWKDGRTHSGWSRFRVLPQGLKVKQVEREDAGVYVCKATNGFGSLSVNYTLVLLDDI 120
Db 61 TMTWKDGRTHSGWSRFRVLPQGLKVKQVEREDAGVYVCKATNGFGSLSVNYTLVLLDDI 120
Qy 121 SPKESLGPSSSGQEDPASQWARPRFTQPSKORRRVIARPVGSSVRLKCVASGHRP 180
Db 121 SPKESLGPSSSGQEDPASQWARPRFTQPSKORRRVIARPVGSSVRLKCVASGHRP 180
Qy 181 DITWMKDDQALTRPEAAEPRKKWTLNLRPEDSGKTCRVSNRAGAINATYKVDVIQ 240
Db 181 DITWMKDDQALTRPEAAEPRKKWTLNLRPEDSGKTCRVSNRAGAINATYKVDVIQ 240
Qy 241 RTRSKPVLGTGHPVNTTDFGTTSFQCKVRSDDVKPVIQWLKRVYGAEGRHNSTIDVGG 300
Db 241 RTRSKPVLGTGHPVNTTDFGTTSFQCKVRSDDVKPVIQWLKRVYGAEGRHNSTIDVGG 300
Qy 301 QKFVVLPTGDMVSRPDGSLYNKPL 324
Db 301 QKFVVLPTGDMVSRPDGSLYNKLL 324

RESULT 6
US-09-949-016-10054
; Sequence 10054, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08

;; NUMBER OF SEQ ID NOS: 207012
;; SOFTWARE: FastSeq for Windows Version 4.0
;; SEQ ID NO 10054
;; LENGTH: 511
;; TYPE: PRT
;; ORGANISM: Human
US-09-949-016-10054

Query Match 99.4%; Score 1707; DB 2; Length 511;
Best Local Similarity 99.7%; Pred. No. 2.6e-148;
Matches 323; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 1 MTPSPDLLLLPPLLLGAFPPAAARPPKADKVVPRQVARLGRVTLRQCPVEGDDPPL 60
Db 8 MTPSPDLLLLPPLLLGAFPPAAARPPKADKVVPRQVARLGRVTLRQCPVEGDDPPL 67
Qy 61 TMTWKDGRTHSGWSRFRVLPQGLKVKQVEREDAGVYVCKATNGFGSLSVNYTLVLLDDI 120
Db 68 TMTWKDGRTHSGWSRFRVLPQGLKVKQVEREDAGVYVCKATNGFGSLSVNYTLVLLDDI 127
Qy 121 SPKESLGPSSSGQEDPASQWARPRFTQPSKORRRVIARPVGSSVRLKCVASGHRP 180
Db 128 SPKESLGPSSSGQEDPASQWARPRFTQPSKORRRVIARPVGSSVRLKCVASGHRP 187
Qy 181 DITWMKDDQALTRPEAAEPRKKWTLNLRPEDSGKTCRVSNRAGAINATYKVDVIQ 240
Db 188 DITWMKDDQALTRPEAAEPRKKWTLNLRPEDSGKTCRVSNRAGAINATYKVDVIQ 247
Qy 241 RTRSKPVLGTGHPVNTTDFGTTSFQCKVRSDDVKPVIQWLKRVYGAEGRHNSTIDVGG 300
Db 248 RTRSKPVLGTGHPVNTTDFGTTSFQCKVRSDDVKPVIQWLKRVYGAEGRHNSTIDVGG 307
Qy 301 QKFVVLPTGDMVSRPDGSLYNKPL 324
Db 308 QKFVVLPTGDMVSRPDGSLYNKLL 331

RESULT 7
US-09-823-038A-60
; Sequence 60, Application US/09823038A
; Patent No. 6797271
; GENERAL INFORMATION:
; APPLICANT: Strachan, Lorna
; APPLICANT: Sleeman, Matthew
; APPLICANT: Abernethy, Nevin
; APPLICANT: Onrust, Rene
; APPLICANT: Kumble, Anand
; APPLICANT: Murison, Greg
; TITLE OF INVENTION: Compositions Isolated From Stromal Cells
; TITLE OF INVENTION: and Methods For Their Use
; FILE REFERENCE: 11000.1037c3
; CURRENT APPLICATION NUMBER: US/09/823,038A
; CURRENT FILING DATE: 2001-07-09
; NUMBER OF SEQ ID NOS: 61
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 60
; LENGTH: 373
; TYPE: PRT
; ORGANISM: Mouse
US-09-823-038A-60

Query Match 90.9%; Score 1560; DB 2; Length 373;
Best Local Similarity 91.4%; Pred. No. 5.4e-135;
Matches 296; Conservative 9; Mismatches 15; Indels 4; Gaps 1;
Qy 1 MTPSPDLLLLPPLLLGAFPPAAARPPKADKVVPRQVARLGRVTLRQCPVEGDDPPL 60
Db 1 MTRSPALLL-----LLLGALFSAEAARPPKADKVVPRQVARLGRVTLRQCPVEGDDPPL 56
Qy 61 TMTWKDGRTHSGWSRFRVLPQGLKVKQVEREDAGVYVCKATNGFGSLSVNYTLVLLDDI 120
Db 57 TMTWKDGRTHSGWSRFRVLPQGLKVKVEAEADAGVYVCKATNGFGSLSVNYTLIIMDDI 116

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QY 121 SPKESLPGDSSGGGQEDPASQOWARPRFTQPSKMRVRVIAQVVGSSVRLKCVASGHPRP 180
Db 117 SPKESPGGSGGGQEDPASQOWARPRFTQPSKMRVRVIAQVVGSSVRLKCVASGHPRP 176
QY 181 DITWMDQDQALTRPEAAEPKPKKWTLSLKNLPEDSGKYTCRVSNRAGAINATYKVDVIQ 240
Db 177 DIMWMDQDQTLTHLEAHEHRKKWTLSLKNLPEDSGKYTCRVSNKAGAINATYKVDVIQ 236
QY 241 RTRSKPVLGTGHPVNTTVDGTTSPQCKVRSDVKPVIQWLKRVYGAEGRHNSTIDVGG 300
Db 237 RTRSKPVLGTGHPVNTTVDGTTSPQCKVRSDVKPVIQWLKRVYGAEGRHNSTIDVGG 296
QY 301 QKFVVLPTGDVMSRDPGSLYNKPL 324
Db 297 QKFVVLPTGDVMSRDPGSLYNKLL 320

RESULT 8
US-09-383-586-31
; Sequence 31, Application US/09383586
; Patent No. 6242419
; GENERAL INFORMATION:
; APPLICANT: Strachan, Lorna
; APPLICANT: Sleeman, Matthew
; APPLICANT: Abernethy, Nevin
; APPLICANT: Onrust, Rene
; APPLICANT: Kumble, Anand
; APPLICANT: Murison, Greg
; TITLE OF INVENTION: Compounds isolated from stromal cells
; TITLE OF INVENTION: and methods for their use
; FILE REFERENCE: 11000.1037c1
; CURRENT APPLICATION NUMBER: US/09/383,586
; CURRENT FILING DATE: 1999-08-26
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 31
; LENGTH: 529
; TYPE: PRT
; ORGANISM: Mouse
; US-09-383-586-31

Query Match 90.9%; Score 1560; DB 2; Length 529;
Best Local Similarity 91.4%; Pred. No. 8.8e-135;
Matches 296; Conservative 9; Mismatches 15; Indels 4; Gaps 1;

QY 1 MTPSPLLLLLLPILLGAPFAAARGPPKMAKVVPRQVRLGRTVRLQCPVEGDPPL 60
Db 1 MTRSPALLL-----LLGALPSAAARGPPRMADKVVPRQVRLGRTVRLQCPVEGDPPL 56
QY 61 TMTWKDGRTHSGWSRFRVLPOGLKVKQVEREDAGVYVCKATNGFGLSVNYTLVVLDDI 120
Db 57 TMTWKDGRTHSGWSRFRVLPOGLKVKVEAEADAGVYVCKATNGFGLSVNYTLIMDDI 116
QY 121 SPKESLPGDSSGGGQEDPASQOWARPRFTQPSKMRVRVIAQVVGSSVRLKCVASGHPRP 180
Db 117 SPKESPGGSGGGQEDPASQOWARPRFTQPSKMRVRVIAQVVGSSVRLKCVASGHPRP 176
QY 181 DITWMDQDQALTRPEAAEPKPKKWTLSLKNLPEDSGKYTCRVSNRAGAINATYKVDVIQ 240
Db 177 DIMWMDQDQTLTHLEAHEHRKKWTLSLKNLPEDSGKYTCRVSNKAGAINATYKVDVIQ 236
QY 241 RTRSKPVLGTGHPVNTTVDGTTSPQCKVRSDVKPVIQWLKRVYGAEGRHNSTIDVGG 300
Db 237 RTRSKPVLGTGHPVNTTVDGTTSPQCKVRSDVKPVIQWLKRVYGAEGRHNSTIDVGG 296
QY 301 QKFVVLPTGDVMSRDPGSLYNKPL 324
Db 297 QKFVVLPTGDVMSRDPGSLYNKLL 320

RESULT 9
US-09-823-038A-31
; Sequence 31, Application US/09823038A
```

```
; Patent No. 6797271
; GENERAL INFORMATION:
; APPLICANT: Strachan, Lorna
; APPLICANT: Sleeman, Matthew
; APPLICANT: Abernethy, Nevin
; APPLICANT: Onrust, Rene
; APPLICANT: Kumble, Anand
; APPLICANT: Murison, Greg
; TITLE OF INVENTION: Compounds isolated from Stromal Cells
; TITLE OF INVENTION: and Methods For Their Use
; FILE REFERENCE: 11000.1037c3
; CURRENT APPLICATION NUMBER: US/09/823,038A
; CURRENT FILING DATE: 2001-07-09
; NUMBER OF SEQ ID NOS: 61
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 31
; LENGTH: 529
; TYPE: PRT
; ORGANISM: Mouse
; US-09-823-038A-31

Query Match 90.9%; Score 1560; DB 2; Length 529;
Best Local Similarity 91.4%; Pred. No. 8.8e-135;
Matches 296; Conservative 9; Mismatches 15; Indels 4; Gaps 1;

QY 1 MTPSPLLLLLLPILLGAPFAAARGPPKMAKVVPRQVRLGRTVRLQCPVEGDPPL 60
Db 1 MTRSPALLL-----LLGALPSAAARGPPRMADKVVPRQVRLGRTVRLQCPVEGDPPL 56
QY 61 TMTWKDGRTHSGWSRFRVLPOGLKVKQVEREDAGVYVCKATNGFGLSVNYTLVVLDDI 120
Db 57 TMTWKDGRTHSGWSRFRVLPOGLKVKVEAEADAGVYVCKATNGFGLSVNYTLIMDDI 116
QY 121 SPKESLPGDSSGGGQEDPASQOWARPRFTQPSKMRVRVIAQVVGSSVRLKCVASGHPRP 180
Db 117 SPKESPGGSGGGQEDPASQOWARPRFTQPSKMRVRVIAQVVGSSVRLKCVASGHPRP 176
QY 181 DITWMDQDQALTRPEAAEPKPKKWTLSLKNLPEDSGKYTCRVSNRAGAINATYKVDVIQ 240
Db 177 DIMWMDQDQTLTHLEAHEHRKKWTLSLKNLPEDSGKYTCRVSNKAGAINATYKVDVIQ 236
QY 241 RTRSKPVLGTGHPVNTTVDGTTSPQCKVRSDVKPVIQWLKRVYGAEGRHNSTIDVGG 300
Db 237 RTRSKPVLGTGHPVNTTVDGTTSPQCKVRSDVKPVIQWLKRVYGAEGRHNSTIDVGG 296
QY 301 QKFVVLPTGDVMSRDPGSLYNKPL 324
Db 297 QKFVVLPTGDVMSRDPGSLYNKLL 320

RESULT 10
US-09-383-586-33
; Sequence 33, Application US/09383586
; Patent No. 6242419
; GENERAL INFORMATION:
; APPLICANT: Strachan, Lorna
; APPLICANT: Sleeman, Matthew
; APPLICANT: Abernethy, Nevin
; APPLICANT: Onrust, Rene
; APPLICANT: Kumble, Anand
; APPLICANT: Murison, Greg
; TITLE OF INVENTION: Compounds isolated from stromal cells
; TITLE OF INVENTION: and methods for their use
; FILE REFERENCE: 11000.1037c1
; CURRENT APPLICATION NUMBER: US/09/383,586
; CURRENT FILING DATE: 1999-08-26
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 33
; LENGTH: 322
; TYPE: PRT
; ORGANISM: Human
; US-09-383-586-33
```

Query Match 84.9%; Score 1458; DB 2; Length 322;
Best Local Similarity 100.0%; Pred. No. 1e-125;
Matches 273; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 52 PVEGDPPLTMTWKDGRTHSGWSRFRVLPGQLKVKQVEREDAGVYVCKATNGFGSLSVN 111
DB 50 PVEGDPPLTMTWKDGRTHSGWSRFRVLPGQLKVKQVEREDAGVYVCKATNGFGSLSVN 109

QY 112 YTLVLLDDISPGKESLSPDSSGGQEDPASQOWARPRFTQPSKMRRIARVPVSSVRLK 171
DB 110 YTLVLLDDISPGKESLSPDSSGGQEDPASQOWARPRFTQPSKMRRIARVPVSSVRLK 169

QY 172 CVASGHPRPDITWMKDDQALTRPEAAERPKKWTLSLKNLRPEDSGKYTCRVSNRAGIN 231
DB 170 CVASGHPRPDITWMKDDQALTRPEAAERPKKWTLSLKNLRPEDSGKYTCRVSNRAGIN 229

QY 232 ATYKVDVLTQRTSKPVLGTGTHPVNTTDFGGTTSFQCKVRSQVSDVKPVIQWLKRVYEGABGR 291
DB 230 ATYKVDVLTQRTSKPVLGTGTHPVNTTDFGGTTSFQCKVRSQVSDVKPVIQWLKRVYEGABGR 289

QY 292 HNSTIDVGQKFVVLPTGDVMSRDPGSYLKPL 324
DB 290 HNSTIDVGQKFVVLPTGDVMSRDPGSYLKPL 322

RESULT 11
US-09-823-038A-33
; Sequence 33, Application US/09823038A
; Patent No. 6797271
; GENERAL INFORMATION:
; APPLICANT: Strachan, Lorna
; APPLICANT: Sleeman, Matthew
; APPLICANT: Abernethy, Nevin
; APPLICANT: Onrust, Rene
; APPLICANT: Kumble, Anand
; APPLICANT: Murison, Greg
; TITLE OF INVENTION: Compositions Isolated From Stromal Cells
; TITLE OF INVENTION: and Methods For Their Use
; FILE REFERENCE: 11000.1037c3
; CURRENT APPLICATION NUMBER: US/09/823, 038A
; CURRENT FILING DATE: 2001-07-09
; NUMBER OF SEQ ID NOS: 61
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 33
; LENGTH: 322
; TYPE: PRT
; ORGANISM: Human
US-09-823-038A-33

Query Match 84.9%; Score 1458; DB 2; Length 322;
Best Local Similarity 100.0%; Pred. No. 1e-125;
Matches 273; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 52 PVEGDPPLTMTWKDGRTHSGWSRFRVLPGQLKVKQVEREDAGVYVCKATNGFGSLSVN 111
DB 50 PVEGDPPLTMTWKDGRTHSGWSRFRVLPGQLKVKQVEREDAGVYVCKATNGFGSLSVN 109

QY 112 YTLVLLDDISPGKESLSPDSSGGQEDPASQOWARPRFTQPSKMRRIARVPVSSVRLK 171
DB 110 YTLVLLDDISPGKESLSPDSSGGQEDPASQOWARPRFTQPSKMRRIARVPVSSVRLK 169

QY 172 CVASGHPRPDITWMKDDQALTRPEAAERPKKWTLSLKNLRPEDSGKYTCRVSNRAGIN 231
DB 170 CVASGHPRPDITWMKDDQALTRPEAAERPKKWTLSLKNLRPEDSGKYTCRVSNRAGIN 229

QY 232 ATYKVDVLTQRTSKPVLGTGTHPVNTTDFGGTTSFQCKVRSQVSDVKPVIQWLKRVYEGABGR 291
DB 230 ATYKVDVLTQRTSKPVLGTGTHPVNTTDFGGTTSFQCKVRSQVSDVKPVIQWLKRVYEGABGR 289

QY 292 HNSTIDVGQKFVVLPTGDVMSRDPGSYLKPL 324
DB 290 HNSTIDVGQKFVVLPTGDVMSRDPGSYLKPL 322

RESULT 12
US-09-383-586-32
; Sequence 32, Application US/09383586
; Patent No. 6242419
; GENERAL INFORMATION:
; APPLICANT: Strachan, Lorna
; APPLICANT: Sleeman, Matthew
; APPLICANT: Abernethy, Nevin
; APPLICANT: Onrust, Rene
; APPLICANT: Kumble, Anand
; APPLICANT: Murison, Greg
; TITLE OF INVENTION: Compounds isolated from stromal cells
; TITLE OF INVENTION: and methods for their use
; FILE REFERENCE: 11000.1037c1
; CURRENT APPLICATION NUMBER: US/09/383, 586
; CURRENT FILING DATE: 1999-08-26
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 32
; LENGTH: 439
; TYPE: PRT
; ORGANISM: Mouse
US-09-383-586-32

Query Match 60.3%; Score 1035.5; DB 2; Length 439;
Best Local Similarity 65.1%; Pred. No. 1e-86;
Matches 211; Conservative 4; Mismatches 14; Indels 95; Gaps 2;

QY 1 MTPSPLLLLLPLLLGAFPPAAAGPPKMDKVVVRQVRLGRTVRLQCPVEGDPPL 60
DB 1 MTRSPALLL-----LLLGALPSAEAR----- 22

QY 61 TMWTKDGRTHSGWSRFRVLPGQLKVKQVEREDAGVYVCKATNGFGSLSVNYTLVLLDDI 120
DB 23 -----DDI 25

QY 121 SPKESLSPDSSGGQEDPASQOWARPRFTQPSKMRRIARVPVSSVRLKCVASGHPRP 180
DB 26 SPKESLSPDSSGGQEDPASQOWARPRFTQPSKMRRIARVPVSSVRLKCVASGHPRP 85

QY 181 DITWMDQALTRPEAAERPKKWTLSLKNLRPEDSGKYTCRVSNRAGINATYKVDV 240
DB 86 DIMMKDDQTLTHLESEHKKKWTLSLKNLRPEDSGKYTCRVSNRAGINATYKVDV 145

QY 241 RTRSKPVLGTGTHPVNTTDFGGTTSFQCKVRSQVSDVKPVIQWLKRVYEGABGRNSTIDVGG 300
DB 146 RTRSKPVLGTGTHPVNTTDFGGTTSFQCKVRSQVSDVKPVIQWLKRVYEGABGRNSTIDVGG 205

QY 301 QKFVVLPTGDVMSRDPGSYLKPL 324
DB 206 QKFVVLPTGDVMSRDPGSYLKPL 229

RESULT 13
US-09-823-038A-32
; Sequence 32, Application US/09823038A
; Patent No. 6797271
; GENERAL INFORMATION:
; APPLICANT: Strachan, Lorna
; APPLICANT: Sleeman, Matthew
; APPLICANT: Abernethy, Nevin
; APPLICANT: Onrust, Rene
; APPLICANT: Kumble, Anand
; APPLICANT: Murison, Greg
; TITLE OF INVENTION: Compositions Isolated From Stromal Cells
; TITLE OF INVENTION: and Methods For Their Use
; FILE REFERENCE: 11000.1037c3
; CURRENT APPLICATION NUMBER: US/09/823, 038A
; CURRENT FILING DATE: 2001-07-09
; NUMBER OF SEQ ID NOS: 61
; SOFTWARE: FastSeq for Windows Version 4.0


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; SEQ ID NO 32
; LENGTH: 439
; TYPE: PRT
; ORGANISM: Mouse
US-09-823-038A-32

Query Match      60.3%; Score 1035.5; DB 2; Length 439;
Best Local Similarity 65.1%; Pred. No. 1e-86;
Matches 211; Conservative 4; Mismatches 14; Indels 95; Gaps 2;

QY 1 MTPSPILLLLPILLGAPPPAAAARGPPKADKVVPRQVARLGRVRLQCPVEGDPPPL 60
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 1 MTRSPALL-----LLGALPSAAR----- 22

QY 61 TMTWKDGRTHSGWRFRLPQGLKVKQVEREDAGVYVCKATNGFGLSVNYTLVVLDDI 120
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 23 -----DDI 25

QY 121 SPKESLGPSSSGGQEDPASQOWARPRPTOPSKMRRRIARPVGSSVRLKCVASGHPRP 180
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 26 SPKESPGGSSGGQEDPASQOWARPRPTOPSKMRRRIARPVGSSVRLKCVASGHPRP 85

QY 181 DTWKKDQALTRPAAEPKCKWTLSLKNLRLPDSGKTCRVSNRAGAINATYKVDVIQ 240
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 86 DTWKKDQTLTLEAASEHKKWTLSLKNLRLPDSGKTCRVSNRAGAINATYKVDVIQ 145

QY 241 RTRSKPVLGTHTPVNTVDFGTTSPQCKVRSDVKPVIQWLKRVYGAERHNSIIDVGG 300
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 146 RTRSKPVLGTHTPVNTVDFGTTSPQCKVRSDVKPVIQWLKRVYGAERHNSIIDVGG 205

QY 301 QKFVVLPTGDVMSRPDGSYLNKPL 324
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 206 QKFVVLPTGDVMSRPDGSYLNKLL 229

RESULT 14
US-09-383-630-6
; Sequence 6, Application US/09383630A
; Patent No. 6265632
; GENERAL INFORMATION:
; APPLICANT: Avner Yayon et al.
; TITLE OF INVENTION: ANIMAL MODEL FOR FIBROBLAST GROWTH
; FACTOR RECEPTOR ASSOCIATED
; CHONDRODYSPLASIA
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Mark M. Friedman c/o Anthony Castorina
; STREET: 2001 Jefferson Davis Highway, Suite 207
; CITY: Arlington
; STATE: Virginia
; COUNTRY: United States of America
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk
; COMPUTER: Twinhead* Slimnote-890TX
; OPERATING SYSTEM: MS DOS version 6.2.
; SOFTWARE: Word for Windows version 3.11
; to an ASCII file
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/383,630A
; FILING DATE: 26-Aug-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: <Unknown>
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Friedman, Mark M.
; REGISTRATION NUMBER: 33,883
; REFERENCE/DOCKET NUMBER: 1402/2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 972-3-5625553
; TELEFAX: 972-3-5625554
```

```
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 801
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 6:
US-09-383-630-6

Query Match      23.8%; Score 408.5; DB 2; Length 801;
Best Local Similarity 34.4%; Pred. No. 9.5e-29;
Matches 106; Conservative 49; Mismatches 114; Indels 39; Gaps 11;

QY 22 AAAAGPPPMADKVVPR-----QVA-RLGRTVRLQC-PVSGDDPPPLTMTWKD 66
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 16 AGATSEPPGQRVRRRAAEVGPPEPSQOEQVAFSGDVTVELSCHPPGAGPTGVWAKD 75

QY 67 GRTHSGWRFRLPQGLKVKQVEREDAGVYVCKATNGFGLSVNYTLVVLDDISPGK 124
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 76 GTGLVAS-HRILVGPQLQVLNASHEDAGVYSCQHLRTR---RVLCFHSVRVTDAPSGD 131

QY 125 ESLGPDSSSGGQEDPASQOWARPRPTOPSKMRRRIARPVGSSVRLKCVASGHPRDITW 184
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 132 DEDGEDVA-----EDTGAPYW-----TRFERMDKLLAVPAANTVFRCPAAGNPTPSISW 182

QY 185 MKDDQALT---RPEAAEPKCKWTLSLKNLRLPDSGKTCRVSNRAGAINATYKVDVIQ 241
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 183 LKNGKEFRGEHRIIGIKLRHQWLSVMSVPSDRGNVTCVVENKFGSIRQTYTLDVLER 242

QY 242 TRSKPVLGTHTPVNTVDFGTTSPQCKVRSDVKPVIQWLKRVYGAERHNSIIDVGG 301
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 243 SPHRPILQAGLPANQTAILGSDVEFHCKVYSDAQPHIQWLKHVEV-----NGSKVGPDT 297

QY 302 KPV-VLPT 308
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 298 PYTVLTKT 305

RESULT 15
US-09-949-016-7119
; Sequence 7119, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; PRIOR FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7119
; LENGTH: 795
; TYPE: PRT
; ORGANISM: Human
US-09-949-016-7119

Query Match      22.9%; Score 393; DB 2; Length 795;
Best Local Similarity 33.4%; Pred. No. 2.5e-27;
Matches 100; Conservative 49; Mismatches 116; Indels 34; Gaps 11;

QY 22 AAAAGPPPMADKVVPRVARL---GRTVRLQCPVEGDPP---PLTMTWKDGRTHSGWS 75
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 24 AAEPVGPPE-----PGQEQLVFGSDAVELSCPPPGGPMGP-TVWVKDGTGLVPS-E 74

QY 76 RFRVLPQGLKVKQVEREDAGVYVCKATNGFGLSVNYTLVVLDDISPGKSLGPDSSS 133
```

Db 75 RVLVGPQELQVLNASHEDSGAYSCERLTQ---RVLCHFVSVRTDAPSSGDEDEGEDEAE 131
Qy 134 GGQEDPASQQWARPRFTOPSKMRRRVIAIPVGSVRLKCVASGHPRPDITWMKDDQALT- 192
Db 132 DTGVDGTGAPYW----TRPERMDKLLAVPAANTVRPRCPAAGNPTPSISWLKNGREFRG 186
Qy 193 --RPEAAEPRKKKWTLSLKNLRPEDSGKYTCRVSNRAGAINATYKVQVVIQTRSKPVLTG 250
Db 187 EHRIGGIKLRHQWSLVNESVVPSDRGNYTCVENKFGSIRQTYTLDVLESPHRPILOA 246
Qy 251 THPVNTTVDGTTTSFQCKVRSVKPVLQWLKRVYGAEGRHNSTIDVGGOKFV-VLPT 308
Db 247 GLPANQTAVLGSDVEFFHCKVYSDAQPHIQWLKHVEV-----NGSKVGPDGTPYIVTLKT 300

Search completed: January 13, 2006, 09:49:27
Job time : 26 secs

November 2005

Published_Applications Nucleic Acid and Published_Applications Amino Acid database searches now generate two sets of results each. The Published_Applications databases have been split into two parts to reduce the amount of time required for their daily updates. This results in more machine time being available for processing searches.

Newly published applications will appear in the Published_Applications_New databases; older published applications make up the Published_Applications_Main databases.

Searches run against Nucleic Acid Published_Applications produce two sets of results, with the extensions **.rnpbm** (Published_Applications_NA_Main) and **.rnpbn** (Published_Applications_NA_New).
Searches run against Amino Acid Published_Applications produce two sets of results, with the extensions **.rapbm** (Published_Applications_AA_Main) and **.rapbn** (Published_Applications_AA_New).

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OM protein - protein search, using sw model

Run on: January 13, 2006, 09:42:09 ; Search time 9 Seconds
(without alignments)
340.352 Million cell updates/sec

Title: US-10-613-413B-8

Perfect score: 1717

Sequence: 1 MTPSPLLLLLLPPLLGLAPP.....VLPTGDVMSRDPDGSYINKPL 324

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 67062 seqs, 9454214 residues

Total number of hits satisfying chosen parameters: 67062

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications AA New:

- 1: /cgn2_6/prodata/2/pubpaa/US08 NEW PUB.pap.*
- 2: /cgn2_6/prodata/2/pubpaa/US06 NEW PUB.pap.*
- 3: /cgn2_6/prodata/2/pubpaa/US07 NEW PUB.pap.*
- 4: /cgn2_6/prodata/2/pubpaa/PCT_NEW_PUB.pap.*
- 5: /cgn2_6/prodata/2/pubpaa/US09 NEW PUB.pap.*
- 6: /cgn2_6/prodata/2/pubpaa/US10 NEW PUB.pap.*
- 7: /cgn2_6/prodata/2/pubpaa/US11 NEW PUB.pap.*
- 8: /cgn2_6/prodata/2/pubpaa/US60_NEW_PUB.pap.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1707	99.4	504	7	US-11-186-541-3
2	1560	90.9	529	7	US-11-186-541-1
3	1035.5	60.3	438	7	US-11-186-541-2
4	266	15.5	2828	7	US-11-080-991-54
5	266	15.5	2828	6	US-11-186-284-49
6	266	15.5	4495	6	US-10-453-372-1002
7	253	14.7	7968	7	US-11-186-731-5
8	251.5	14.6	1088	6	US-10-453-372-1090
9	250.5	14.6	707	6	US-10-453-372-998
10	250.5	14.6	712	6	US-10-453-372-1000
11	250.5	14.6	1902	6	US-10-453-372-1004
12	248.5	14.5	1068	6	US-10-453-372-1084
13	248.5	14.5	1093	6	US-10-453-372-1088
14	247.5	14.4	1077	6	US-10-453-372-1086
15	245	14.3	3588	6	US-10-995-561-672
16	245	14.3	4346	6	US-10-995-561-671
17	245	14.3	4347	6	US-10-995-561-670
18	241	14.0	4419	6	US-10-821-234-1155
19	234.5	13.7	1433	7	US-11-094-519A-40
20	233	13.6	961	6	US-10-453-372-726
21	233	13.6	961	6	US-10-453-372-728
22	233	13.6	967	6	US-10-453-372-712
23	233	13.6	967	6	US-10-453-372-714
24	233	13.5	1119	6	US-10-131-826A-352
25	232.5	13.5	2591	6	US-10-453-372-718

ALIGNMENTS

RESULT 1

US-11-186-541-3

; Sequence 3, Application US/11186541

; Publication No. US20050281824A1

; GENERAL INFORMATION:

; APPLICANT: Chipman, Stewart D.

; APPLICANT: Schooley, Kenneth A.

; APPLICANT: Born, Teresa L.

; APPLICANT: DuBose, Robert F.

; TITLE OF INVENTION: METHODS OF USING IMXP-888 AND IMXP-888 ANTAGONISTS

; FILE REFERENCE: 3081-A

; CURRENT APPLICATION NUMBER: US/11/186,541

; PRIOR FILING DATE: 2005-07-21

; PRIOR APPLICATION NUMBER: US/10/001,848

; PRIOR FILING DATE: 2001-11-20

; PRIOR APPLICATION NUMBER: US 60/252,785

; PRIOR FILING DATE: 2000-11-22

; NUMBER OF SEQ ID NOS: 3

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 3

; LENGTH: 504

; TYPE: PRT

; ORGANISM: Homo sapiens

US-11-186-541-3

Query Match 99.4%; Score 1707; DB 7; Length 504;

Best Local Similarity 99.7%; Pred. No. 9.5e-133;

Matches 323; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MTPSPLLLLLLPPLLGLAPPAAAAAGPPKMAKVVPRQVARLGRVRLQCPVEGDPPL 60

Db 1 MTPSPLLLLLLPPLLGLAPPAAAAAGPPKMAKVVPRQVARLGRVRLQCPVEGDPPL 60

QY 61 TMTWKDGRTHSGWSRFRVLPOGLKVKQVERDAGYVCKATNGFGLSVNYTLVLLDDI 120

Db 61 TMTWKDGRTHSGWSRFRVLPOGLKVKQVERDAGYVCKATNGFGLSVNYTLVLLDDI 120

QY 121 SPKESLGDPSGGGQEDPASQOWARPRFTQPSKMRRIARVPGSVRLKCVASGHPRP 180

Db 121 SPKESLGDPSGGGQEDPASQOWARPRFTQPSKMRRIARVPGSVRLKCVASGHPRP 180

QY 181 DITWMDKDALTRPEAAEPRKKKWTLSLKNLRPEDSGKTCRVSNRAGAINATYKVDVIQ 240

Db 181 DITWMDKDALTRPEAAEPRKKKWTLSLKNLRPEDSGKTCRVSNRAGAINATYKVDVIQ 240

QY 241 RTRSKPVLGTGHPVNTVDFGGTTSQCKVRSDVKPVIQWLKKEVYGAEGRHNSIDVGG 300

Db 241 RTRSKPVLGTGHPVNTVDFGGTTSQCKVRSDVKPVIQWLKKEVYGAEGRHNSIDVGG 300

Qy 301 QKFVVLPTGDVWSRPDGSYLKPL 324
Db 301 QKFVVLPTGDVWSRPDGSYLKLL 324

RESULT 2

US-11-186-541-1
; Sequence 1, Application US/11186541
; Publication No. US20050281824A1
; GENERAL INFORMATION:
; APPLICANT: Chipman, Stewart D.
; APPLICANT: Schooley, Kenneth A.
; APPLICANT: Born, Teresa L. F.
; APPLICANT: DuBose, Robert F.
; TITLE OF INVENTION: METHODS OF USING IMXP-888 AND IMXP-888 ANTAGONISTS
; FILE REFERENCE: 3081-A
; CURRENT APPLICATION NUMBER: US/11/186,541
; CURRENT FILING DATE: 2005-07-21
; PRIOR APPLICATION NUMBER: US/10/001,848
; PRIOR FILING DATE: 2001-11-20
; PRIOR APPLICATION NUMBER: US 60/252,785
; PRIOR FILING DATE: 2000-11-22
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 529
; TYPE: PRT
; ORGANISM: Mus musculus
US-11-186-541-1

Query Match 90.9%; Score 1560; DB 7; Length 529;
Best Local Similarity 91.4%; Pred. No. 1.1e-120;
Matches 296; Conservative 9; Mismatches 15; Indels 4; Gaps 1;

Qy 1 MTPSPLLLLPPLLLGAPPPAAARGPPKQVADKVPVQVRLGRTVRLQCPVEGDPPL 60
Db 1 MTRSPALLL-----LLGLALPSAEARPPKQVADKVPVQVRLGRTVRLQCPVEGDPPL 56
Qy 61 TMTWKDGRTHSGWSRFRVLPGQLKVKQVEREDAGVYVCKATNGFGSLSVNYTLVLDDI 120
Db 57 TMTWKDGRTHSGWSRFRVLPGQLKVKQVEAEDAGVYVCKATNGFGSLSVNYTLIMDDI 116
Qy 121 SPKESLPGDSSGGQEDPASQOWARPRFTOPSKMRRRVIARPVGSSVRLKCVASGHRP 180
Db 117 SPKESPGGSGGGQEDPASQOWARPRFTOPSKMRRRVIARPVGSSVRLKCVASGHRP 176
Qy 181 DITWMKDDQALTRPEAAAPRKKWTLNKLNRPEDSGKTCRVSNRAGAINATYKVDVIQ 240
Db 177 DIMMKDDQTLTHLEAERHKKWTLNKLNRPEDSGKTCRVSNRAGAINATYKVDVIQ 236
Qy 241 RTRSKPVLGTGHPVNTTVDFTGTTSFQCKVRSVKPVIQWLKRVYGAEGRHNSITIDVG 300
Db 237 RTRSKPVLGTGHPVNTTVDFTGTTSFQCKVRSVKPVIQWLKRVYGAEGRHNSITIDVG 296
Qy 301 QKFVVLPTGDVWSRPDGSYLKPL 324
Db 297 QKFVVLPTGDVWSRPDGSYLKLL 320

RESULT 3

US-11-186-541-2
; Sequence 2, Application US/11186541
; Publication No. US20050281824A1
; GENERAL INFORMATION:
; APPLICANT: Chipman, Stewart D.
; APPLICANT: Schooley, Kenneth A.
; APPLICANT: Born, Teresa L. F.
; APPLICANT: DuBose, Robert F.
; TITLE OF INVENTION: METHODS OF USING IMXP-888 AND IMXP-888 ANTAGONISTS
; FILE REFERENCE: 3081-A
; CURRENT APPLICATION NUMBER: US/11/186,541
; CURRENT FILING DATE: 2005-07-21

; PRIOR APPLICATION NUMBER: US/10/001,848
; PRIOR FILING DATE: 2001-11-20
; PRIOR APPLICATION NUMBER: US 60/252,785
; PRIOR FILING DATE: 2000-11-22
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 438
; TYPE: PRT
; ORGANISM: Mus musculus
US-11-186-541-2

Query Match 60.3%; Score 1035.5; DB 7; Length 438;
Best Local Similarity 65.1%; Pred. No. 8e-78;
Matches 211; Conservative 4; Mismatches 14; Indels 95; Gaps 2;

Qy 1 MTPSPLLLLPPLLLGAPPPAAARGPPKQVADKVPVQVRLGRTVRLQCPVEGDPPL 60
Db 1 MTRSPALLL-----LLGLALPSAEAR----- 22
Qy 61 TMTWKDGRTHSGWSRFRVLPGQLKVKQVEREDAGVYVCKATNGFGSLSVNYTLVLDDI 120
Db 23 -----DDI 25
Qy 121 SPKESLPGDSSGGQEDPASQOWARPRFTOPSKMRRRVIARPVGSSVRLKCVASGHRP 180
Db 26 SPKESPGGSGGGQEDPASQOWARPRFTOPSKMRRRVIARPVGSSVRLKCVASGHRP 85
Qy 181 DITWMKDDQALTRPEAAAPRKKWTLNKLNRPEDSGKTCRVSNRAGAINATYKVDVIQ 240
Db 86 DIMMKDDQTLTHLEAERHKKWTLNKLNRPEDSGKTCRVSNKAGAINATYKVDVIQ 145
Qy 241 RTRSKPVLGTGHPVNTTVDFTGTTSFQCKVRSVKPVIQWLKRVYGAEGRHNSITIDVG 300
Db 146 RTRSKPVLGTGHPVNTTVDFTGTTSFQCKVRSVKPVIQWLKRVYGAEGRHNSITIDVG 205
Qy 301 QKFVVLPTGDVWSRPDGSYLKPL 324
Db 206 QKFVVLPTGDVWSRPDGSYLKLL 229

RESULT 4

US-11-080-991-54
; Sequence 54, Application US/11080991
; Publication No. US20050266437A1
; GENERAL INFORMATION:
; APPLICANT: Veiby, Pette Ole
; TITLE OF INVENTION: COMPOSITIONS, KITS, AND METHODS FOR
; TITLE OF INVENTION: IDENTIFICATION, ASSESSMENT, PREVENTION, AND THERAPY OF BREAST
; TITLE OF INVENTION: AND OVARIAN CANCER
; FILE REFERENCE: MRI-039
; CURRENT APPLICATION NUMBER: US/11/080,991
; CURRENT FILING DATE: 2005-03-11
; PRIOR APPLICATION NUMBER: US/10/176,847
; PRIOR FILING DATE: 2002-06-21
; NUMBER OF SEQ ID NOS: 112
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 54
; LENGTH: 2828
; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-080-991-54

Query Match 15.5%; Score 266; DB 7; Length 2828;
Best Local Similarity 24.2%; Pred. No. 7.8e-14;
Matches 88; Conservative 36; Mismatches 114; Indels 126; Gaps 12;

Qy 43 LGRTVRLQCPVEGDPPLTMTWKDGR-----TTHSGWSRFRVLPGQLKVKQV 89
Db 1964 LGDTIAMECLAKGTPAPQISWIFDRRVMTQVSPVESRITLHEN-----RTLSIKEA 2015
Qy 90 EREDAGVYVCKATNGFGSLSVNYTLVLDDITSPGKESLPGDSSGGQEDPASQOWARPR 149

Db 2016 SFSRGGVYKCVASNAAGADSLAIRLHVA-----ALPPV 2048
 Qy 150 TQSKMRRRVIARPVGSSVRLKCVASGHPRPDIITWKKDQALTRPEA-----ABPRKK 202
 Db 2049 IHOEKLEN--ISLPPGLSIHICTAKAAPLPSVRVWLGDTGQIRPSQFLHGNLFVFP--- 2103
 Qy 203 KWTLSLKNLRPEDSGKYTCRVSNRAGAINATYKVDVIQRTSRKPVLTGTHPVTNTVDFGG 262
 Db 2104 NGTLYIRNLAPDGSRYECVAANLVGSARRTVQLNV-ORAAANARITGTSPPRTDVRVGG 2162
 Qy 263 TTSFQCKVRSVDPKPIOWL-----KRVEYGAEG-----RHNSTIDVG----- 299
 Db 2163 TLKLDCSASGDPWPRIILWRLPSKRMIDALFSDSRIRKVFANGTLVWKSVDKADGDLVLCV 2222
 Qy 300 -----GQKFVVLPT-----GDV-----WSRPDG 317
 Db 2223 ARNKVGDDYVVLKVDVVMKPAKIEHKEENDHKVFGYGDGLKVDVCATGLPNEISWSLPDG 2282
 Qy 318 SYLN 321
 Db 2283 SLVN 2286

RESULT 5

US-11-186-284-49
 ; Sequence 49, Application US/11186284
 ; Publication No. US20050266493A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Millennium Pharmaceuticals, Inc.
 ; APPLICANT: Berger, Allison
 ; APPLICANT: Guillemette, Tracy L.
 ; APPLICANT: Kamatkar, Shubhangi
 ; APPLICANT: Schlegel, Robert
 ; APPLICANT: Monahan, John E.
 ; APPLICANT: Thibodeau, Stephen N.
 ; APPLICANT: Burgart, Lawrence J.
 ; TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND
 ; TITLE OF INVENTION: METHODS FOR IDENTIFICATION, ASSESSMENT, PREVENTION, AND
 ; TITLE OF INVENTION: THERAPY OF COLON CANCER
 ; FILE REFERENCE: MP001-029P2RNM
 ; CURRENT APPLICATION NUMBER: US/11/186,284
 ; CURRENT FILING DATE: 2005-07-21
 ; PRIOR APPLICATION NUMBER: US/10/301,822
 ; PRIOR FILING DATE: 2002-11-21
 ; PRIOR APPLICATION NUMBER: US 60/339,971
 ; PRIOR FILING DATE: 2001-12-10
 ; PRIOR APPLICATION NUMBER: US 60/361,978
 ; PRIOR FILING DATE: 2002-03-05
 ; PRIOR APPLICATION NUMBER: US 60/381,988
 ; PRIOR FILING DATE: 2002-05-20
 ; NUMBER OF SEQ ID NOS: 228
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 49
 ; LENGTH: 2828
 ; TYPE: PRT
 ; ORGANISM: Homo Sapiens
 ; US-11-186-284-49

Query Match 15.5%; Score 266; DB 7; Length 2828;
 Best Local Similarity 24.2%; Pred. No. 7.8e-14;
 Matches 88; Conservative 36; Mismatches 114; Indels 126; Gaps 12;
 Qy 43 LGRTVRLQCPVEGDPPLTWTKDGR-----TIHSGWRFRVLPQGLKVKQV 89
 Db 1964 LGDTIAMCELAGTAPQISWIPFDRRVMTQVSPVESRITLHEN-----RTLSIKEA 2015
 Qy 90 EREDAGVYCKATNGFSGLSVNTVTLVLDLISPGKESLGDSSGGQEDPASQOWARPRF 149
 Db 2016 SFSRGGVYKCVASNAAGADSLAIRLHVA-----ALPPV 2048
 Qy 150 TQSKMRRRVIARPVGSSVRLKCVASGHPRPDIITWKKDQALTRPEA-----ABPRKK 202
 Db 2049 IHOEKLEN--ISLPPGLSIHICTAKAAPLPSVRVWLGDTGQIRPSQFLHGNLFVFP--- 2103

Qy 203 KWTLSLKNLRPEDSGKYTCRVSNRAGAINATYKVDVIQRTSRKPVLTGTHPVTNTVDFGG 262
 Db 2104 NGTLYIRNLAPDGSRYECVAANLVGSARRTVQLNV-ORAAANARITGTSPPRTDVRVGG 2162
 Qy 263 TTSFQCKVRSVDPKPIOWL-----KRVEYGAEG-----RHNSTIDVG----- 299
 Db 2163 TLKLDCSASGDPWPRIILWRLPSKRMIDALFSDSRIRKVFANGTLVWKSVDKADGDLVLCV 2222
 Qy 300 -----GQKFVVLPT-----GDV-----WSRPDG 317
 Db 2223 ARNKVGDDYVVLKVDVVMKPAKIEHKEENDHKVFGYGDGLKVDVCATGLPNEISWSLPDG 2282
 Qy 318 SYLN 321
 Db 2283 SLVN 2286

RESULT 6

US-10-453-372-1002
 ; Sequence 1002, Application US/10453372
 ; Publication No. US2006000323A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Alsobrook, et al.
 ; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHODS
 ; FILE REFERENCE: 21402-589 A
 ; CURRENT APPLICATION NUMBER: US/10/453,372
 ; CURRENT FILING DATE: 2003-06-03
 ; PRIOR APPLICATION NUMBER: 09/789390
 ; PRIOR FILING DATE: 2001-02-23
 ; PRIOR APPLICATION NUMBER: 60/185967
 ; PRIOR FILING DATE: 2000-03-01
 ; PRIOR APPLICATION NUMBER: 09/823187
 ; PRIOR FILING DATE: 2001-03-29
 ; PRIOR APPLICATION NUMBER: 60/195792
 ; PRIOR FILING DATE: 2000-03-10
 ; PRIOR APPLICATION NUMBER: 09/839446
 ; PRIOR FILING DATE: 2001-03-19
 ; PRIOR APPLICATION NUMBER: 60/199476
 ; PRIOR FILING DATE: 2000-03-25
 ; PRIOR APPLICATION NUMBER: 09/863776
 ; PRIOR FILING DATE: 2001-05-23
 ; PRIOR APPLICATION NUMBER: 60/208263
 ; PRIOR FILING DATE: 2000-05-31
 ; PRIOR APPLICATION NUMBER: 09/939398
 ; PRIOR FILING DATE: 2001-08-24
 ; PRIOR APPLICATION NUMBER: 60/227800
 ; PRIOR FILING DATE: 2000-08-25
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 1609
 ; SOFTWARE: CuraseqList version 0.1
 ; SEQ ID NO 1002
 ; LENGTH: 4495
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-10-453-372-1002

Query Match 15.5%; Score 266; DB 6; Length 4495;
 Best Local Similarity 27.0%; Pred. No. 1.4e-13;
 Matches 84; Conservative 48; Mismatches 143; Indels 36; Gaps 10;
 Qy 28 PPKMADKVVPRQVA-RLGRTVRLQCPVEGDPPLTWTKDGR-----RTIHSGWSRF 77
 Db 372 PPVKDKQEVNTSVLLNQLTNLFCEVEGTPSPFIIMWKYKDNVQVTESSITQTVNNG----- 427
 Qy 78 RVLPGQLKVKQVEREDAGVYCKATNGFSGLSVNTVTLVLDLISPGKES-----LGPDS 131
 Db 428 ----KILKLFRTAPEDAGRYSCKAINIAGTSQKYFNIDVLGTNFPNEVSVLNRDVALSC 483
 Qy 132 SSGGQEDPASQOWARPRFTQPSKMRRTIARPVGSSVRLKCVASGHPRPDIITWKKDQAL 191
 Db 484 QVKGTPFP-DIHWFKDGNIKGGNVTTD-ISVLINSLIKLECETRGLPMPAITWYKQGP 541

Qy 192 TRPEAABPRKKKWTLSLKNLRPEDSGKTYCTRVSNRAGAINATYKVDVQIOTRSPVLTG- 250
Db 542 MSSQALYIDKQYLHPRQAQSDSATYCHVANVAGTAESFHDVY-----VPPMIEGN 597
Qy 251 -THPVNTTVDGGTTSFOCKVRSDVKPVIQMLKRVYGAEGRHNSTIDVGQKQFVILPTG 309
Db 598 LATPLNKQVVIHSLTLECKAAGNPSILTWLKD-GVPVKANDNIRIEAGGKLEIMSAQ 656
Qy 310 DVWSRPDGSYL 320
Db 657 EI---DRGQYI 664

RESULT 7
US-11-186-731-5
; Sequence 5, Application US/11186731
; Publication No. US20050255521A1
; GENERAL INFORMATION:
; APPLICANT: Kapeller-Libermann, Rosana
; APPLICANT: Acton, Susan L.
; TITLE OF INVENTION: 59079 and 12599, Protein Kinase Family
; FILE REFERENCE: MPI2001-047PIRCPI(N)
; CURRENT APPLICATION NUMBER: US/11/186,731
; CURRENT FILING DATE: 2005-07-21
; PRIOR APPLICATION NUMBER: US/10/077,130
; PRIOR FILING DATE: 2002-02-15
; PRIOR APPLICATION NUMBER: 60/269201
; PRIOR FILING DATE: 2001-02-15
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 7968
; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-186-731-5

Query Match 14.7%; Score 253; DB 7; Length 7968;
Best Local Similarity 25.7%; Pred. No. 3.1e-12;
Matches 82; Conservative 40; Mismatches 127; Indels 70; Gaps 12;

Qy 27 GPPKMAKVVPRQ-VARLGRVRLQCPVEGDPPLTMTWKDGRTHSGWSRFRVLPQG-- 83
Db 8 GAPRFLR--PKAFVUSGKDATLSQVGNPTQVSWKEDQQPVTAG-ARFLAQDGL 64
Qy 84 --LKVQVERDAGVYCKATNGFSLSVNVTLVLLDDISPGKESLGPDSGGQEDPAS 141
Db 65 YRLTILDLALGDSGVYCRARNAIGEAFAVGLQV-----DAEAACAEQ--- 108
Qy 142 QQWARRP-TPSKWRRIARVPVSSVRLKCVASGHPREDITWMKDDQALTRPEAAEPR 200
Db 109 ----APHFLRPTTSIRV-----EGSEATFCRVGSGSPRAVSWSKDGRRLGPDGPRV 159
Qy 201 KKKW----TSLKKNLRPEDSGKYTCRVSNRAGAINATYKVDV----- 238
Db 160 VEEIGEASALIRARPDGTYEVRAPENPLGASAAAALVDSDAADTASRPGTSTAAL 219
Qy 239 ---TQTR-----SKPVLGTGHPVNTTVDGGTTSFOCKVRSDVKPVIQMLKRVY 286
Db 220 LAHLQRRREARMRAGAPASPSGTGR--TCTVTEGKHARLSYCVTGPKPBTWVKDQGL 277
Qy 287 GAEGRHNSTIDVGQKQFV 305
Db 278 VTEGRRHVVEDAQENFVL 296

RESULT 8
US-10-453-372-1090
; Sequence 1090, Application US/10453372
; Publication No. US2006000323A1
; GENERAL INFORMATION:
; APPLICANT: Alsobrook, et al.
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD

; FILE REFERENCE: 21402-589 A
; CURRENT APPLICATION NUMBER: US/10/453,372
; CURRENT FILING DATE: 2003-06-03
; PRIOR APPLICATION NUMBER: 09/789390
; PRIOR FILING DATE: 2001-02-23
; PRIOR APPLICATION NUMBER: 60/185967
; PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: 09/823187
; PRIOR FILING DATE: 2001-03-29
; PRIOR APPLICATION NUMBER: 60/195792
; PRIOR FILING DATE: 2000-03-10
; PRIOR APPLICATION NUMBER: 09/839446
; PRIOR FILING DATE: 2001-03-19
; PRIOR APPLICATION NUMBER: 60/199476
; PRIOR APPLICATION NUMBER: 09/863776
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: 60/208263
; PRIOR FILING DATE: 2000-05-31
; PRIOR APPLICATION NUMBER: 09/939398
; PRIOR FILING DATE: 2001-08-24
; PRIOR APPLICATION NUMBER: 60/227800
; PRIOR FILING DATE: 2000-08-25
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1609
; SOFTWARE: CuraseqList version 0.1
; SEQ ID NO 1090
; LENGTH: 1068
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-453-372-1090

Query Match 14.6%; Score 251.5; DB 6; Length 1068;
Best Local Similarity 32.2%; Pred. No. 3.8e-13;
Matches 65; Conservative 26; Mismatches 76; Indels 35; Gaps 5;
Qy 42 RLGRVRLQCPVEGDPPLTMTWKDGRTH--SGWSRFRVLPQG--LKVQVEREDAGVY 97
Db 586 RTTVARLECAATGHPNPQTAWKDGTDFFAARERMMVMPDDDFVSITDVKIDDAGVY 645
Qy 98 VKATNGFSGLSVNYTLVLLDDISPGKESLGPDSGGQEDPASQOWARPRFTQPSKVR 157
Db 646 SCTAONSAGSISANATLVLE-----TPSLVVP--LED 676
Qy 158 RVIARPVSSVRLKCVASGHPREDITWMKDDQALTRPEAAEPRKKKWTLSLKNLRPEDSG 217
Db 677 RVVS--VGETVALQCKATGNPPRITWFKGDRPLSLTRHHLTDPDNLQVQVNVVAEDAG 734
Qy 218 KYTCRVSNRAGAINATYKVDVI 239
Db 735 RYTCESMTLGTERRAHSQLSVL 756

RESULT 9
US-10-453-372-998
; Sequence 998, Application US/10453372
; Publication No. US2006000323A1
; GENERAL INFORMATION:
; APPLICANT: Alsobrook, et al.
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHODS
; FILE REFERENCE: 21402-589 A
; CURRENT APPLICATION NUMBER: US/10/453,372
; CURRENT FILING DATE: 2003-06-03
; PRIOR APPLICATION NUMBER: 09/789390
; PRIOR FILING DATE: 2001-02-23
; PRIOR APPLICATION NUMBER: 60/185967
; PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: 09/823187
; PRIOR FILING DATE: 2001-03-29
; PRIOR APPLICATION NUMBER: 60/195792
; PRIOR FILING DATE: 2000-03-10
; PRIOR APPLICATION NUMBER: 09/839446
; PRIOR FILING DATE: 2001-03-19

;; PRIOR APPLICATION NUMBER: 60/199476
;; PRIOR FILING DATE: 2000-03-25
;; PRIOR APPLICATION NUMBER: 09/863776
;; PRIOR FILING DATE: 2001-05-23
;; PRIOR APPLICATION NUMBER: 60/208263
;; PRIOR FILING DATE: 2000-05-31
;; PRIOR APPLICATION NUMBER: 09/939398
;; PRIOR FILING DATE: 2001-08-24
;; PRIOR APPLICATION NUMBER: 60/227800
;; PRIOR FILING DATE: 2000-08-25
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 1609
;; SOFTWARE: CuraSeqList version 0.1
;; SEQ ID NO 998
;; LENGTH: 707
;; TYPE: PRT
;; ORGANISM: Homo sapiens
US-10-453-372-998

Query Match 14.6%; Score 250.5; DB 6; Length 707;
Best Local Similarity 25.7%; Pred. No. 2.8e-13;
Matches 87; Conservative 36; Mismatches 125; Indels 91; Gaps 12;

QY 21 PAAARGPPKADKVP-----RQVARLGRVRLQCPVEGDPPLTWTKDGRTHSG 73
DB 7 PAGTALGKIKLVQPPVISPHLKEYVIAVDKPTILSCEADGLPPDITWHKDGRAIVES 66
QY 74 WSRFRVLPQG-LKVKQVEREDAGVVCATNGFGLSVNYTLVLDDISP-----GKES 126
DB 67 -IRQVLSGSLQIAFVQPGDAGHYTCMAANVAGSSSTSTKLTV--HVPPIRSTEGHYT 123
QY 127 LQPDSS-----SGQEDPASQWAR----- 146
DB 124 VNENSQAILPCVADGIPTPAI--NMKKONVLLANLLGKYTABPYGELILENVVLEDSGFYT 182
QY 147 -----PRFTQ-PSKMRRRVIAFPVGSVRLKCVASGHPRPDITW 184
DB 183 CVANNAAGEDTHTVSLTVHVLFTFTELPD-----VSLNKGEQLRSLCKATGILPPLKLTW 237
QY 185 MKDDQALTRPEAAEPKKKWTLSLKNLRPEDSGKYTCRVSNRAGAINATYKVDVQRTS 244
DB 238 TFNNNII--PAHFDVNGHSELVIERVSKEDSGTYVCTAENSFGVKAIGFVV-----KE 291
QY 245 KPVLTGTHPVNTTVDPGTTSFQCKVRSQKVDKVIQWLKR 283
DB 292 PPFVKGDYPSNWIEPLGGNAILNCEVKGDPPTPTIQWNRK 330

RESULT 10
US-10-453-372-1000
; Sequence 1000, Application US/10453372
; Publication No. US20060003323A1
; GENERAL INFORMATION:
; APPLICANT: Alsobrook, et al.
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD
; FILE REFERENCE: 21402-589 A
; CURRENT APPLICATION NUMBER: US/10/453,372
; CURRENT FILING DATE: 2003-06-03
; PRIOR APPLICATION NUMBER: 09/789390
; PRIOR FILING DATE: 2001-02-23
; PRIOR APPLICATION NUMBER: 60/185967
; PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: 09/823187
; PRIOR FILING DATE: 2001-03-29
; PRIOR APPLICATION NUMBER: 60/195792
; PRIOR FILING DATE: 2000-03-10
; PRIOR APPLICATION NUMBER: 09/839446
; PRIOR FILING DATE: 2001-03-19
; PRIOR APPLICATION NUMBER: 60/199476
; PRIOR FILING DATE: 2000-03-25
; PRIOR APPLICATION NUMBER: 09/863776
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: 60/208263
; PRIOR FILING DATE: 2000-08-25

;; PRIOR FILING DATE: 2000-05-31
;; PRIOR APPLICATION NUMBER: 09/939398
;; PRIOR FILING DATE: 2001-08-24
;; PRIOR APPLICATION NUMBER: 60/227800
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 1609
;; SOFTWARE: CuraSeqList version 0.1
;; SEQ ID NO 1000
;; LENGTH: 712
;; TYPE: PRT
;; ORGANISM: Homo sapiens
US-10-453-372-1000

Query Match 14.6%; Score 250.5; DB 6; Length 712;
Best Local Similarity 25.7%; Pred. No. 2.8e-13;
Matches 87; Conservative 36; Mismatches 125; Indels 91; Gaps 12;

QY 21 PAAARGPPKADKVP-----RQVARLGRVRLQCPVEGDPPLTWTKDGRTHSG 73
DB 10 PAGTALGKIKLVQPPVISPHLKEYVIAVDKPTILSCEADGLPPDITWHKDGRAIVES 69
QY 74 WSRFRVLPQG-LKVKQVEREDAGVVCATNGFGLSVNYTLVLDDISP-----GKES 126
DB 70 -IRQVLSGSLQIAFVQPGDAGHYTCMAANVAGSSSTSTKLTV--HVPPIRSTEGHYT 126
QY 127 LQPDSS-----SGQEDPASQWAR----- 146
DB 127 VNENSQAILPCVADGIPTPAI--NMKKONVLLANLLGKYTABPYGELILENVVLEDSGFYT 185
QY 147 -----PRFTQ-PSKMRRRVIAFPVGSVRLKCVASGHPRPDITW 184
DB 186 CVANNAAGEDTHTVSLTVHVLFTFTELPD-----VSLNKGEQLRSLCKATGILPPLKLTW 240
QY 185 MKDDQALTRPEAAEPKKKWTLSLKNLRPEDSGKYTCRVSNRAGAINATYKVDVQRTS 244
DB 241 TFNNNII--PAHFDVNGHSELVIERVSKEDSGTYVCTAENSFGVKAIGFVV-----KE 294
QY 245 KPVLTGTHPVNTTVDPGTTSFQCKVRSQKVDKVIQWLKR 283
DB 295 PPFVKGDYPSNWIEPLGGNAILNCEVKGDPPTPTIQWNRK 333

RESULT 11
US-10-453-372-1004
; Sequence 1004, Application US/10453372
; Publication No. US20060003323A1
; GENERAL INFORMATION:
; APPLICANT: Alsobrook, et al.
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD
; FILE REFERENCE: 21402-589 A
; CURRENT APPLICATION NUMBER: US/10/453,372
; CURRENT FILING DATE: 2003-06-03
; PRIOR APPLICATION NUMBER: 09/789390
; PRIOR FILING DATE: 2001-02-23
; PRIOR APPLICATION NUMBER: 60/185967
; PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: 09/823187
; PRIOR FILING DATE: 2001-03-29
; PRIOR APPLICATION NUMBER: 60/195792
; PRIOR FILING DATE: 2000-03-10
; PRIOR APPLICATION NUMBER: 09/839446
; PRIOR FILING DATE: 2001-03-19
; PRIOR APPLICATION NUMBER: 60/199476
; PRIOR FILING DATE: 2000-03-25
; PRIOR APPLICATION NUMBER: 09/863776
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: 60/208263
; PRIOR FILING DATE: 2000-05-31
; PRIOR APPLICATION NUMBER: 09/939398
; PRIOR FILING DATE: 2001-08-24
; PRIOR APPLICATION NUMBER: 60/227800
; PRIOR FILING DATE: 2000-08-25

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; Remaining Prior Application data removed - See File Wrapper or PALM.
;
; NUMBER OF SEQ ID NOS: 1609
; SOFTWARE: Curaseq1 version 0.1
; SEQ ID NO 1004
; LENGTH: 1902
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-453-372-1004

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Query Match	14.6%	Score	250.5	DB	6	Length	1902
Best Local Similarity	25.7%	Pred. No.	9.1e-13				
Matches	87	Conservative	36	Mismatches	125	Indels	91
Gaps	12						
QY	21	PAAAAGPPKMAWKVP	-----RQVRLGRTVRLQCPVEGDGPPPLTMTWKDGRTHSG	73			
DB	447	PAGTALGKILNVQVPPV	ISPHLKEYVIAVDKPITLSCDADGLPPDPITWHKQGRAIVES	506			
QY	74	WSRFRVLPOG-LKVYQVEREDAGYVVCATNGFGSLSVNVTTLVVLDDISP	-----GKES	126			
DB	507	-IRQVLLSSGLQIAFQPGDAGHYTCMAANVAGSSSTSTKLTIV-HVPPRIIRSTEGHYT	563				
QY	127	LGPDS-----SGQBDPASQOAR	-----	146			
DB	564	VNENSAQLPCVADGIPTPAI-NWKONVLIANLLGYTAEPYGELILENVLEDSGYT	622				
QY	147	-----PRFTQ-PSKWRRRVIARPVSSVRLKCVASGHPRPDITW	184				
DB	623	CVANNAAGEDTHTVSLTVHVLPTTELPGD-----VSLNKGEQURLSCKATGIPLPKLTW	677				
QY	185	MKDDQALTRPEAAEPRKKKWTLSLKNLRPDSGKYTCRVSNRAGAINATYKVDVIQRTS	244				
DB	678	TFNNNII--PAHPDSVNGHSELVIERYSKEDSGTYVCTAENSVGFKVAGFYVY	---KE	731			
QY	245	KPVLGTGHPVNTTVDFGGTTSFQCKVRSDDVKVPVQWLKR	283				
DB	732	PPYFKGDYPSNWIEPLCGNALINCCEVKGDPPTTIOWNRK	770				

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RESULT 12
US-10-453-372-1084
; Sequence 1084, Application US/10453372
; Publication No. US2006003323A1
; GENERAL INFORMATION:
; APPLICANT: Alcobrook, et al.
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD
; FILE REFERENCE: 21402-589 A
; CURRENT APPLICATION NUMBER: US/10/453,372
; CURRENT FILING DATE: 2003-06-03
; PRIOR APPLICATION NUMBER: 09/789390
; PRIOR FILING DATE: 2001-02-23
; PRIOR APPLICATION NUMBER: 60/185967
; PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: 09/823187
; PRIOR FILING DATE: 2001-03-29
; PRIOR APPLICATION NUMBER: 60/195792
; PRIOR FILING DATE: 2000-03-10
; PRIOR APPLICATION NUMBER: 09/839446
; PRIOR FILING DATE: 2001-03-19
; PRIOR APPLICATION NUMBER: 60/199476
; PRIOR FILING DATE: 2000-03-25
; PRIOR APPLICATION NUMBER: 09/863776
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: 60/208263
; PRIOR FILING DATE: 2000-05-31
; PRIOR APPLICATION NUMBER: 09/939398
; PRIOR FILING DATE: 2001-08-24
; PRIOR APPLICATION NUMBER: 60/227800
; PRIOR FILING DATE: 2000-08-25
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1609
; SOFTWARE: CuraSeqList version 0.1
; SEQ ID NO 1084
; LENGTH: 1068

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; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-453-372-1084

Query Match 14.5%; Score 248.5; DB 6; Length 1068;
Best Local Similarity 32.2%; Pred. No. 6.7e-13;
Matches 65; Conservative 26; Mismatches 76; Indels 35; Gaps 5;

QY 42 RLGRTVRLQCPVEGDPPPLTWMTWKDGRTHI--SGWSRFRVLPGQ--LKVKQVEREDAGVY 97
Db 586 RTTTVARLECAATGHPNPQIAWKOGGTDFPAARERMRHVMFPDDVFFITDVKIDDAGVY 645
QY 98 VKCATNGFGSLSVNYTILVLLDDISPGKESLGPDSSSGGQEDPASPQOWARPRFTQPSKMR 157
Db 646 SCTAQNAGSISANATLTVLE-----TPSLVVP--LED 676
QY 158 RVIARVPVGSVRLKCVASGHPRDITWTKDDQALTRPEAAEPRKKWTLSLKNLRPEDSG 217
Db 677 RVVYS--VGETVALQCKATGNPPPRITWFKGDRPLSLTERHHLTPDNQLLVVQNVVAEDAG 734
QY 218 KYTCRVSNRAGAINATYKVDVI 239
Db 735 RYTCMSNTLGTERRAHSQLSVL 756

RESULT 13
US-10-453-372-1088
; Sequence 1088, Application US/10453372
; Publication No. US20060003323A1
; GENERAL INFORMATION:
; APPLICANT: Alcobrook, et al.
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHODS
; FILE REFERENCE: 21402-589 A
; CURRENT APPLICATION NUMBER: US/10/453,372
; CURRENT FILING DATE: 2003-06-03
; PRIOR APPLICATION NUMBER: 09/789390
; PRIOR FILING DATE: 2001-02-23
; PRIOR APPLICATION NUMBER: 60/185967
; PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: 09/823187
; PRIOR FILING DATE: 2001-03-29
; PRIOR APPLICATION NUMBER: 60/195792
; PRIOR FILING DATE: 2000-03-10
; PRIOR APPLICATION NUMBER: 09/839446
; PRIOR FILING DATE: 2001-03-19
; PRIOR APPLICATION NUMBER: 60/199476
; PRIOR FILING DATE: 2000-03-25
; PRIOR APPLICATION NUMBER: 09/863776
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: 60/208263
; PRIOR FILING DATE: 2000-05-31
; PRIOR APPLICATION NUMBER: 09/939398
; PRIOR FILING DATE: 2001-08-24
; PRIOR APPLICATION NUMBER: 60/227800
; PRIOR FILING DATE: 2000-08-25
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1609
; SOFTWARE: Curaseqlist version 0.1
; SEQ ID NO 1088
; LENGTH: 1093
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-453-372-1088

Query Match 14.5%; Score 248.5; DB 6; Length 1093;
Best Local Similarity 32.2%; Pred. No. 6.8e-13;
Matches 65; Conservative 26; Mismatches 76; Indels 35; Gaps 5;

QY 42 RLGRTVRLQCPVEGDPPPLTWMTWKDGRTHI--SGWSRFRVLPGQ--LKVKQVEREDAGVY 97
Db 611 RTTTVARLECAATGHPNPQIAWKOGGTDFPAARERMRHVMFPDDVFFITDVKIDDAGVY 670
QY 98 VKCATNGFGSLSVNYTILVLLDDISPGKESLGPDSSSGGQEDPASPQOWARPRFTQPSKMR 157

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Db 671 STAQNSAGSISANATLVLE-----TPSLVVP--LED 701
QY 158 RVIAIPVGSVRLKCVASGHPRDITWMKDDQALTRPEAAERPKKKWTLSLKNLRPEDSG 217
Db 702 RVVS--VGETVALQCKATGNPPRIITWFKGDRPLSLTERHHLTPDNQLLVQNVVAEDAG 759
QY 218 KYTCRVSNRAGAINATYKVDVI 239
Db 760 RYTCMSNTLGTERRAHSQSVL 781

RESULT 14
US-10-453-372-1086
; Sequence 1086, Application US/10453372
; Publication No. US20060003323A1
; GENERAL INFORMATION:
; APPLICANT: Alsobrook, et al.
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD

; CURRENT APPLICATION NUMBER: US/10/453,372
; CURRENT FILING DATE: 2003-06-03
; PRIOR APPLICATION NUMBER: 09/789390
; PRIOR FILING DATE: 2001-02-23
; PRIOR APPLICATION NUMBER: 60/185967
; PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: 09/823187
; PRIOR FILING DATE: 2001-03-29
; PRIOR APPLICATION NUMBER: 60/195792
; PRIOR FILING DATE: 2000-03-10
; PRIOR APPLICATION NUMBER: 09/839446
; PRIOR FILING DATE: 2001-03-19
; PRIOR APPLICATION NUMBER: 60/199476
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; PRIOR APPLICATION NUMBER: 09/863776
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: 60/208263
; PRIOR FILING DATE: 2000-05-31
; PRIOR APPLICATION NUMBER: 09/939398
; PRIOR FILING DATE: 2001-08-24
; PRIOR APPLICATION NUMBER: 60/227800
; PRIOR FILING DATE: 2000-08-25
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1609
; SOFTWARE: CuroSeqList version 0.1
; SEQ ID NO 1086
; LENGTH: 1077
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-453-372-1086

Query Match 14.4%; Score 247.5; DB 6; Length 1077;
Best Local Similarity 32.7%; Pred. No. 8.1e-13;
Matches 64; Conservative 26; Mismatches 71; Indels 35; Gaps 5;
QY 48 RLQCPVEGDPPLTMWTYKQGRTH--SGWSRFRVLPG--LKUKQVEREDAGYVVCATN 103
Db 601 RLECAATGHPNPQIAWQKGGTDPAAARERRMHVMPDDVFFITDVXIDAGVYSCAQN 660
QY 104 GFGLSVNYTLVLVLDLISPGKESLGPDSGQEDPASQQWARPFTQPSKMRERRVIARP 163
Db 661 SAGSISANATLVLE-----TPSLVVP--LEDRVVS-- 689
QY 164 VGSVRLKCVASGHPRDITWMKDDQALTRPEAAERPKKKWTLSLKNLRPEDSGKYTCRV 223
Db 690 VGETVALQCKATGNPPRIITWFKGDRPLSLTERHHLTPDNQLLVQNVVAEDAGRYTCM 749
QY 224 SNRAGAINATYKVDVI 239
Db 750 SNTLGTERRAHSQSVL 765

RESULT 15

US-10-995-561-672
; Sequence 672, Application US/10995561
; Publication No. US20050272054A1
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele et al.
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; TITLE OF INVENTION: CARDIOVASCULAR DISORDERS AND DRUG RESPONSE, METHODS OF
; TITLE OF INVENTION: DETECTION AND USES THEREOF
; FILE REFERENCE: CL001559
; CURRENT APPLICATION NUMBER: US/10/995,561
; CURRENT FILING DATE: 2004-11-24
; NUMBER OF SEQ ID NOS: 85702
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 672
; LENGTH: 3588
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-995-561-672
Query Match 14.3%; Score 245; DB 6; Length 3588;
Best Local Similarity 26.9%; Pred. No. 5.5e-12;
Matches 72; Conservative 39; Mismatches 97; Indels 60; Gaps 9;
QY 18 APPPAAARGPPKMAKVVPR-----QVARGRTVRLQCPVEGDPPLTMWKDGR 68
Db 2665 AHGPWGKAQASQQLVIQALPSVLINIRTSVQTVVVGHAVEFECLALGDGPKQVTSKVG 2724
QY 69 TIHSGWSRFRVLPG--LKUKQVEREDAGYVVCATNGFSGLSVNYTLVLVLDLISPGKES 126
Db 2725 HURPG-----IVQSGGVRIAHVELADAGQYCTATNAAGTQSHVLLLV----- 2769
QY 127 LGPDSGSGQEDPASQQWARPFTQPSKMRERRVIARPVGSSVRLKCVASGHPRDITWVK 186
Db 2770 -----QALPQISMPOEVR-----VPAGSAAVFPCTASGYTPDISWSK 2807
QY 187 DQALTRPEAAERPKKKWTLSLKNLRPEDSGKYTCVSNRAGAINATYKVDVIQTRSKP 246
Db 2808 LDGSL-----PPDSRLNNMLPSVRPQDAGTYVCTATNRQKVKAFALHQLQVPERV--VP 2861
QY 247 VLTGTH---PVNTTVDFGTTSFQCKV 270
Db 2862 YFTQTPYSFLPLFTIND--AYRKFELKI 2887
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Job time : 10 secs

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